M.O. FORM 2373

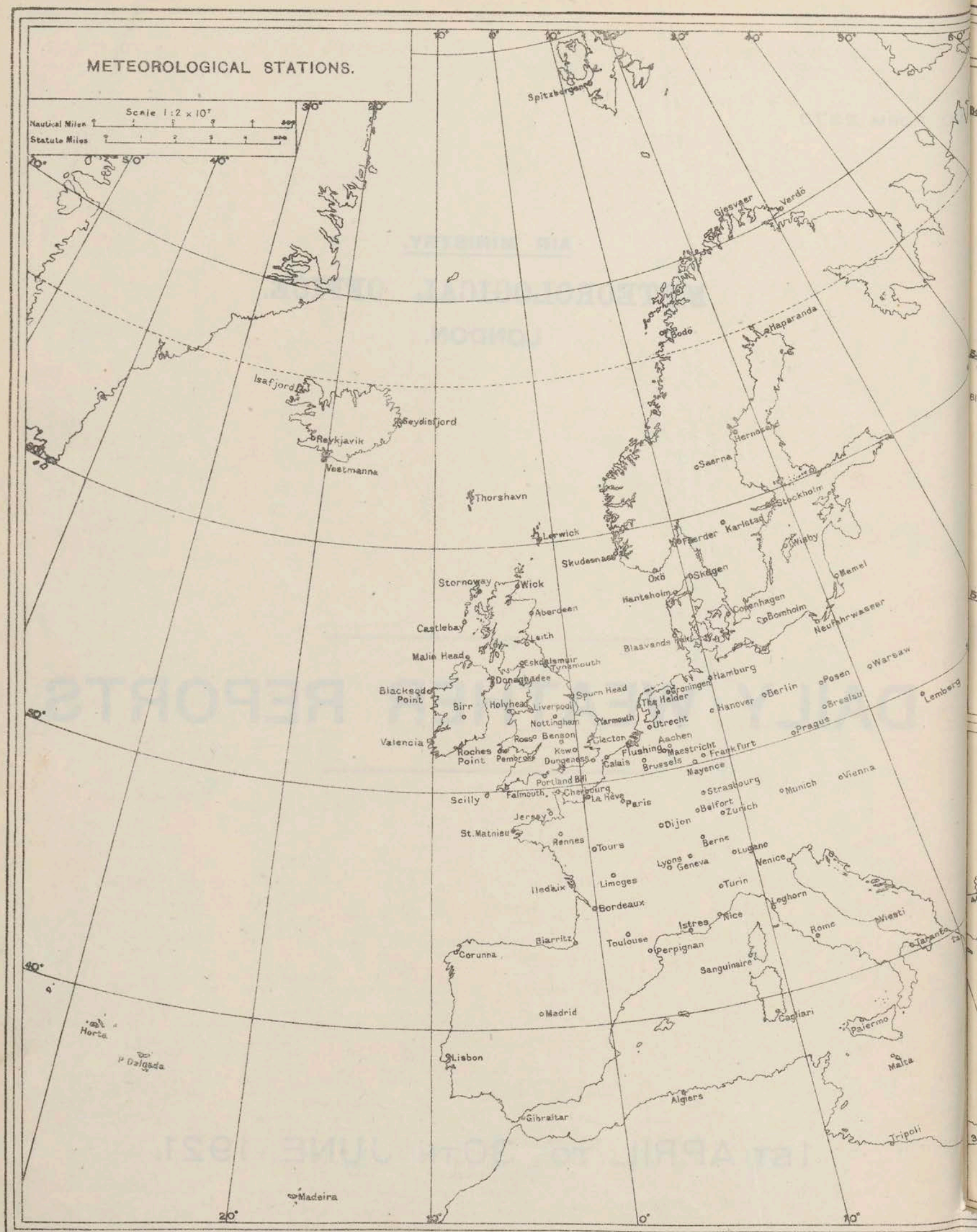
AIR MINISTRY.

METEOROLOGICAL OFFICE.

LONDON.

DAILY WEATHER REPORTS

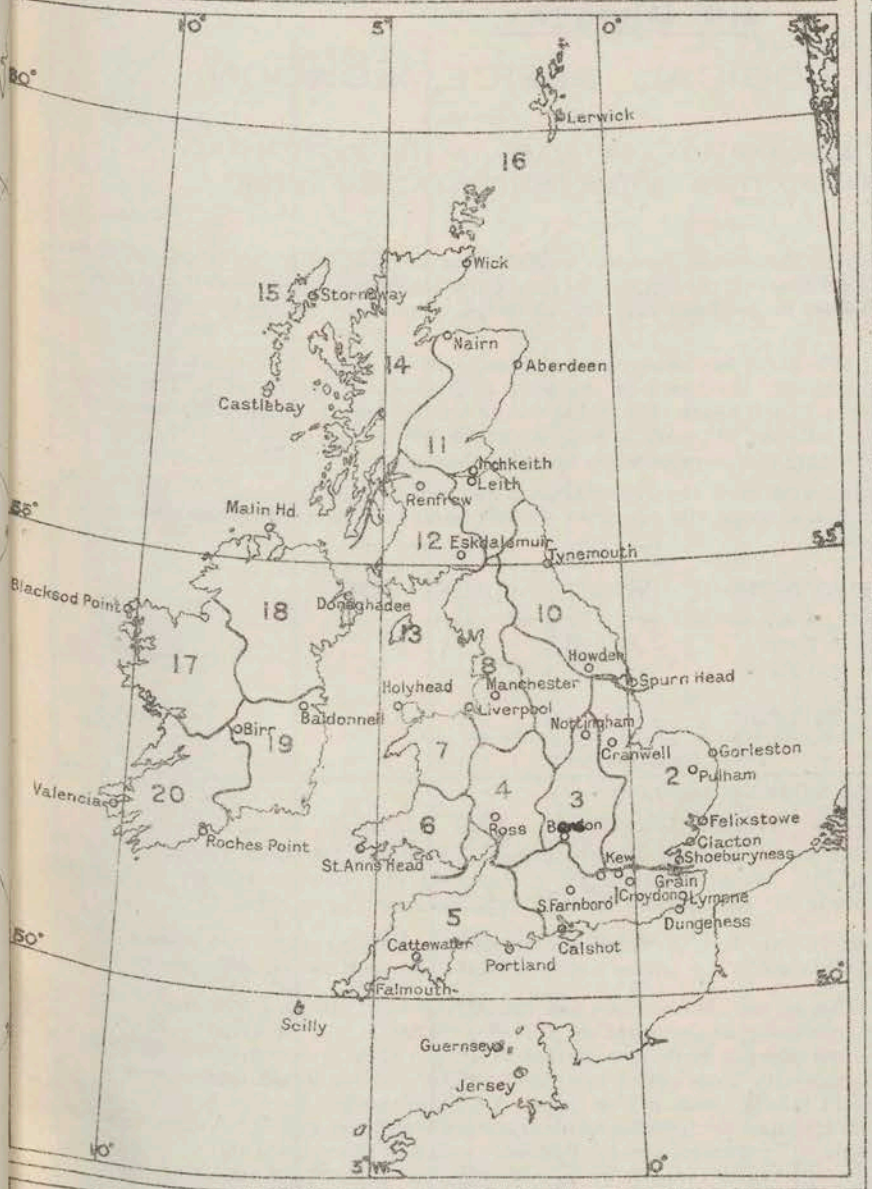
1ST APRIL TO 30TH JUNE. 1921.



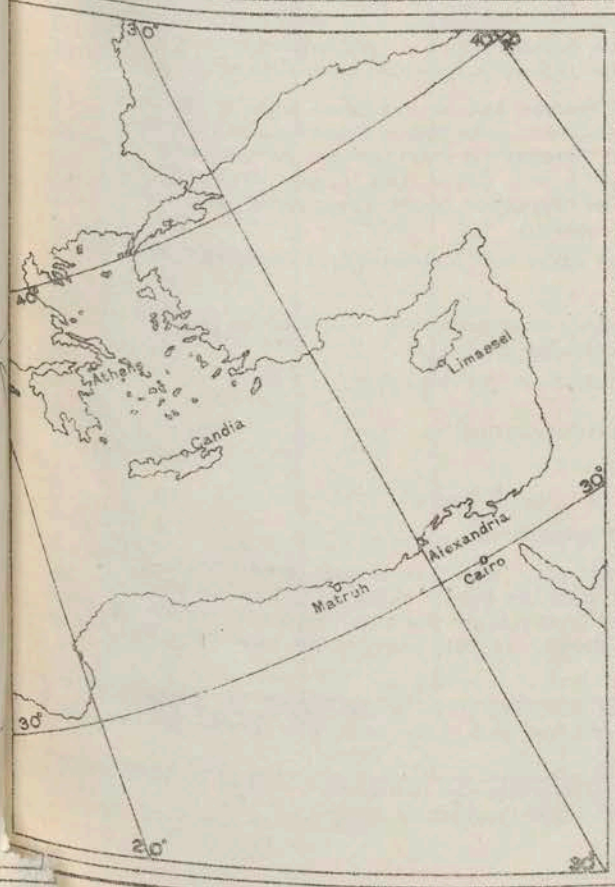
H.M. Stationery Office Press, Kingsway, W.C.2.

Pa 3165/447. 19.116. 2.8.25. 9.16. 11/21.

FORECAST DISTRICTS AND BRITISH STATIONS.



STATIONS USED FOR UPPER AIR SUPPLEMENT.



THE BEAUFORT SCALE OF WIND FORCE.

Beaufort Number.	Admiral Beaufort's General Description of Wind.	Specification for use on Land, based on observations made at Land Stations.	Limits of Mean Velocities Statute Miles per Hour.
0	Calm	Calm ; smoke rises vertically	Less than 1
1	Light air ..	Direction of wind shown by smoke drift	1–3
2	Slight breeze ..	Wind felt on face ; leaves rustle	4–7
3	Gentle breeze ..	Leaves and small twigs in constant motion ; wind extends light flag	8–12
4	Moderate wind	Raises dust and loose paper ; small branches are moved ..	13–18
5	Fresh wind ..	Small trees in leaf begin to sway ; crested wavelets on inland waters	19–24
6	Strong wind .	Large branches in motion ; whistling heard in telegraph wires	25–31
7	High wind ..	Whole trees in motion ; inconvenience felt when walking against wind	32–38
8	Gale	Breaks twigs off trees ; generally impedes progress	39–46
9	Strong gale ..	Slight structural damage occurs (chimney pots and slates removed)	47–54
10	Whole gale ..	Seldom experienced inland ; trees uprooted	55–63
11	.. .. ..	Very rarely experienced ; accompanied by widespread damage	64–75
12	Hurricane ..	.. ..	Above 75

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three quarters covered).
o overcast sky. d drizzle.
f fog. h hail.
KQ line squall. l lightning.
m mist. p passing showers.

BEAUFORT NOTATION.

q squalls. r rain.
rs sleet, *i.e.*, rain and snow.
s snow. t thunder.
v unusual visibility.
w dew. x hoar frost.
y dry air ; humidity less than 60 per cent.
z dust haze ; the turbid atmosphere of dry weather.

WEATHER SYMBOLS.

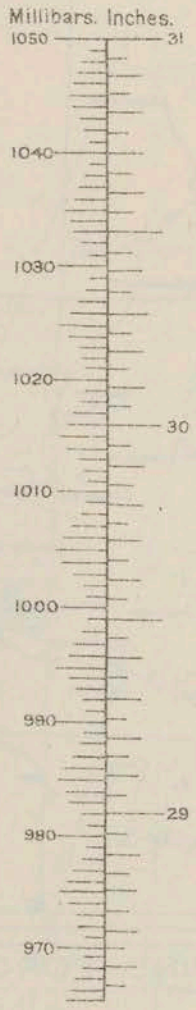
Clear sky ○ Sky ½ clouded ◐
Sky ¼ clouded ◔ Sky ¾ clouded ◕
Overcast sky ● Rain falling ●
Snow ✳ Sleet ✳
Fog ≡ Hail ▲
Thunder T Mist ≡
Lightning ↯ Thunderstorm ↯

Capital letters indicate intensity, suffix $_o$ indicates slight, and repetition of letters continuity, thus :–
R=heavy rain. rr=continuous moderate rain. r_or_o=continuous slight rain.

AIR MINISTRY.

METEOROLOGICAL OFFICE, LONDON.

NOTES ON THE INFORMATION CONTAINED IN THE BRITISH AND INTERNATIONAL SECTIONS OF THE DAILY WEATHER REPORT



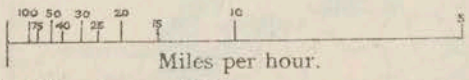
Pressure.—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on the British Section of the Report and for intervals of 4 millibars on the International Section. Values in millibars may be converted to mercury inches by the scale given in the margin.

The wind at a height of 1,100–2,000 feet above ground usually blows *along* the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, *e.g.*, for isobars 1 inch apart (160 miles) in the Daily Weather Report the speed of the upper wind is about 12 m.p.h. in latitude 55°, with a temperature of 50° F. and a pressure of 1,015 mb if, however, the isobars are ½ inch apart the corresponding speed is 24 m.p.h.

The scale below can be used with both the International and the British Sections. If the distance between consecutive isobars is measured along the rule from the left-hand extremity the geostrophic wind is shown by the scale in miles per hour.

GEOSTROPHIC WIND SCALE FOR

·4 mb. isobars on 1 : 2×10^7 Charts.
or 2 mb " " 1 : 10^7 "
or 1 mb " " 1 : 5×10^6 "



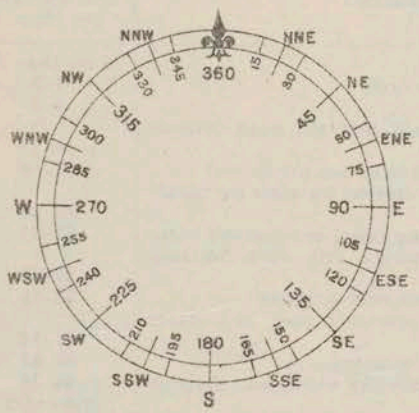
This scale applies under the following conditions —

Pressure, 1,015 mb Temperature, 283° A = 50° F. Latitude, 55°

Corrections.—For an increase of 10 mb pressure, subtract 1% from velocity; for an increase of 10° F add 2% From Latitude 55° to Latitude 65° subtract 1% for each degree *above* 55° From Latitude 55° to Latitude 45° add 1½% for each degree *below* 55°.

Temperature.—Temperature is specified in degrees Fahrenheit Temperatures are shown on the charts by means of figures written alongside the circles which indicate the positions of the stations.

Upper Air Temperature.—The actual observations are made normally, one at 1,000 feet above the level of the aerodrome, and the remainder at *pressures* of 950, 900, 850, 800, etc, millibars. Heights are then computed and, apart from instrumental error, are correct heights: they do not require modification for differences of temperature or humidity from normal as these are allowed for in the computation. The values are shown graphically and in tabular form in the Upper Air Supplement. On the diagram, heights are given both in feet and kilometres and temperatures in degrees Fahrenheit and Absolute. The lines marked "Anti-cyclonic," "Cyclonic," "Summer," and "Winter," indicate the normal fall of temperature with height or lapse rate under the conditions indicated. The oblique line marked "Adiabatic" shows the lapse rate for dry air ascending or descending under adiabatic conditions, *i.e.*, without communication of heat from external sources. The lapse rate under these circumstances is very approximately 5·5° F. per 1,000 feet, or 10a per kilometre A lapse rate greater than this value indicates instability of the atmosphere.



Cloud Types.—In the inset maps of the British Section and in the cloud maps of the Upper Air Supplement the amounts of different types of cloud are shown. The forms, Cumulus (Cu.), Nimbus (Nb.), Strato-cumulus (St.-cu.), Cumulo-nimbus (Cu.-nb), and Stratus (St.) are set out on the chart of Lower Cloud. The forms, Alto-cumulus (A.-cu.), Alto-stratus (A.-st.), Cirrus (Ci.), Cirro-cumulus (Ci.-cu.), and Cirro-stratus (Ci.-st.) are given under Upper Cloud. The proportion of the sky covered with cloud of the different types is shown by numbers (tenths of the sky covered).

For description of Cloud Types reference may be made to "Meteorological Glossary," M.O. 225 ii and "Cloud Forms," M.O. 233.

Weather.—In describing the distribution of weather over a district or during an interval of time such as a day, descriptive adjectives are used with the following meanings :—

Fine—mainly b and bc of the Beaufort notation (*see* previous page).
Fair or fair generally—mainly bc and c.
Cloudy—combinations of bc, c and o, c predominating.
Overcast—mainly c and o.
Dull—overcast with low heavy cloud.
Varying or variable cloud—combinations of b, bc, c, and o
Precipitation when occurring is specifically mentioned.

Wind.—All wind directions specified in the reports are "true," as distinguished from "magnetic." The arrows indicating wind direction are drawn to fly with the wind. Wind velocities are shown on the charts of the British Section and Upper Air Supplement in m p.h by the numbers placed within the small circles In the International Section velocities are not shown. In both Sections the number of feathers on the arrows denotes wind force by Beaufort number.

Upper Winds.—The direction and velocity of the wind are given in the Upper Air Supplement for heights of 1,000 feet, 2,000 feet, 5,000 feet, 8,000 feet, 10,000 feet, and 15,000 feet The data are usually based on Pilot Balloon ascents.

In the forecasts of upper wind, direction is specified in points and in degrees from true north measured through East 90°, South 180°, West 270° to North 360°. (*See* diagram in margin.)

NORMAL VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE.

SECOND QUARTER, APRIL TO JUNE.

(Issued as a Supplement to the Daily Weather Report of April 1st.)

	STATIONS.	PRESSURE. 1906–1915. 7 a.m. Observations (reduced to M.S. Level).	AIR TEMPERATURE. Means of 1906–1915. Dry Bulb 7 a.m.	Means of 1881–1915. Daily Maximum.	Means of 1881–1915. Daily Minimum.	Absolute Extremes. 1881–1915. Maximum. Temp.	Maximum. Year.	Minimum. Temp.	Minimum. Year.	RAINFALL. 1881–1915. Days with Rain.	Total Fall.		BRIGHT SUNSH'NE. 1881–1915. Daily Mean.	Per Centage of Possible Duration.
		mb.	°F.	°F.	°F.	°F.		°F.			mm.	in.	hr	%
APRIL.	Lerwick	1010·9	40·9	46·0	36·9	59	1901, 14	21	1899	19	58	2·28	—	—
	Stornoway	1011·9	41·9	49·5	37·5	67	1893	20	1881	19	77	3·03	5·13	36
	Castlebay (Barra Isd.)	[1012·6]§	[44·0]§	[48·5]§	[41·1]§	[62]§	[1915]§	[27]§	[1908]§	[20]§	[72]§	[2·84]§	[5·33]§	[38]§
	Eskdalemuir	[1015·9]¶	[39·6]¶	[50·0]‖	[33·9]‖	[67]‖	[1914]‖	[18]‖	[1910]‖	[17]‖	[113]‖	[4·44]‖	[4·60]‖	[33]‖
	Malin Head	1012·6	43·4	[49·7]*	[40·8]*	[69]*	[1914]*	[26]*	[1908]*	[19]*	[50]*	[1·97]*	—	—
	Blacksod Point	1013·9	45·7	[51·5]*	[41·9]*	[71]*	[1893]*	[29]*	[1897, 1911]*	[20]*	[74]*	[2·90]*	—	—
	Valencia	1015·9	45·5	53·4	42·6	70	1892	30	1879, 92, 97, 98, 1906	19	93	3·67	5·33	39
	Roche's Point	1016·1	45·0	52·9	42·2	72	1893	29	1908	16	68	2·68	—	—
	Birr Castle	1015·2	42·2	54·2	38·0	73	1893	21	1892	16	55	2·15	5·13	37
	Donaghadee	1014·6	42·6	51·1	40·2	67	1909	28	1908	16	51	2·00	—	—
	Liverpool (Observatory)	1015·2	43·1	52·4	40·2	75	1893	28	1908, 11	14	41	1·63	[5·77]§	[42]§
	Holyhead	1014·9	45·0	51·2	41·5	75	1893	30	1908	14	53	2·08	[6·70]**	[48]**
	Pembroke (St. Ann's Hd.)	1015·4	44·3	50·6	42·0	70	1893	28	1911	15	50	1·95	5·93	43
	Scilly (St. Mary's)	1015·9	46·7	52·7	44·5	66	1893	30	1911	15	49	1·91	6·03	44
	Falmouth	1016·6	45·7	52·6	42·9	69	1893	29	1911	15	67	2·64	6·13	45
	Jersey (St. Aubin's)	1016·5	47·0	54·5	43·7	77	1893	28	1911	15	49	1·94	6·47	47
	Portland Bill	1015·6	45·2	51·6	42·3	[65]†	[1901, 04]†	[28]†	[1911]†	13	40	1·58	—	—
	Dungeness	1015·1	44·5	51·7	40·5	67	1901	24	1903	13	35	1·36	—	—
	Dover	[1016·1]§	[45·1]§	[52·6]§	[40·0]§	[71]§	[1914]§	[27]§	[1911]§	[14]§	[41]§	[1·60]§	[6·93]§	[51]§
	Wick	1011·7	41·3	49·1	36·8	69	1900	20	1905	18	51	1·99	—	—
	Nairn	1012·3	41·0	51·8	35·9	73	1914	18	1908	16	38	1·50	[4·83]‡	[34]‡
	Aberdeen	1013·4	42·2	49·8	37·6	74	1900	22	1908	17	48	1·87	5·27	37
	Leith	1013·7	42·9	52·6	38·1	73	1900	17	1908	14	33	1·29	—	—
	Tynemouth	1014·4	42·0	50·5	37·7	71	1892	23	1908	15	36	1·42	—	—
	Spurn Head	1014·5	43·3	49·8	40·0	70	1915	30	1881, 89, 1903, 05, 11	13	28	1·12	[6·60]**	[48]**
	Yarmouth	1015·2	43·3	50·0	39·8	72	1885	27	1911	14	38	1·49	[6·63]§	[48]§
	Clacton-on-Sea	1015·5	43·9	50·9	40·2	[69]‡	[1907, 09, 12]‡	[25]‡	[1911]‡	11	33	1·28	6·03	44
	Nottingham	1015·4	42·4	54·1	37·8	77	1893	23	1888	15	36	1·43	4·97	36
	LONDON (Kew Obsy.)	1016·2	43·2	55·0	39·5	80	1893	27	1887, 91, 11	13	37	1·45	5·23	38
MAY.	Lerwick	1013·7	44·6	49·9	40·5	63	1895	28	1909	18	53	2·09	—	—
	Stornoway	1013·7	46·9	53·7	41·3	75	1908	26	1906	19	65	2·56	6·16	37
	Castlebay (Barra Isd.)	[1014·5]§	[48·2]§	[53·2]§	[44·9]§	[73]§	[1911]§	[32]§	[1909]§	[17]§	[54]§	[2·11]§	[7·23]§	[44]§
	Eskdalemuir	[1016·3]¶	[45·3]¶	[55·7]‖	[38·5]‖	[73]‖	[1915]‖	[24]‖	[1915]‖	[15]‖	[72]‖	[2·85]‖	[5·32]‖	[33]‖
	Malin Head	1013·1	47·6	[54·1]*	[45·0]*	[73]*	[1908]*	[35]*	[1886, 91, 97* 1904, 06, 10]	[17]*	[50]*	[1·98]*	—	—
	Blacksod Point	1013·6	49·7	[55·9]*	[45·8]*	[75]*	[1890, 1911]*	[34]*	[1910]*	[19]*	[72]*	[2·82]*	—	—
	Valencia	1014·3	50·6	57·9	46·5	74	1884, 95, 97	34	1885, 96	18	81	3·17	6·55	42
	Roche's Point	1015·0	50·2	57·4	46·5	73	1896	35	1909	15	62	2·43	—	—
	Birr Castle	1014·5	48·7	59·8	42·7	77	1881, 95, 1911	29	1885, 91, 1909, 14	16	57	2·23	5·87	37
	Donaghadee	1014·7	47·5	55·8	44·4	70	1896, 1911	33	1884, 85, 97, 1909	16	58	2·27	—	—
	Liverpool (Observatory)	1015·2	49·2	58·2	45·3	80	1895	30	1883	15	48	1·90	[6·84]§	[43]§
	Holyhead	1014·8	49·9	56·0	45·6	74	1895	37	1894, 1903, 07, 09	14	50	1·96	[7·10]**	[45]**
	Pembroke (St. Ann's Hd.)	1014·7	49·8	55·2	46·1	72	1890, 1910, 11, 15	36	1883, 87, 1904 05, 06, 10	14	49	1·91	6·97	45
	Scilly (St. Mary's)	1014·9	51·0	56·8	48·2	68	1911	38	1883	13	42	1·67	7·35	48
	Falmouth	1015·6	51·5	57·7	47·0	75	1915	36	1885, 1892	14	56	2·21	7·45	49
	Jersey (St. Aubin's)	1015·9	53·1	60·2	48·1	80	1913	35	1905, 06	13	46	1·82	7·81	51
	Portland Bill	1015·2	50·8	56·9	46·8	[74]†	[1911, 15]†	[36]†	[1900, 02]†	11	40	1·59	—	—
	Dungeness	1015·0	51·2	57·8	46·1	76	1892, 1913	30	1892, 1902	11	33	1·30	—	—
	Dover	[1016·5]§	[52·2]§	[59·6]§	[46·0]§	[77]§	[1909, 13]§	[35]§	[1909, 10]§	[11]§	[35]§	[1·39]§	[7·94]§	[52]§
	Wick	1013·8	45·9	53·4	40·8	71	1891	27	1886, 1902, 09	18	53	2·07	—	—
	Nairn	1013·8	46·7	56·8	40·7	78	1888	26	1894, 1914	17	46	1·80	[5·71]‡	[35]‡
	Aberdeen	1014·6	47·8	54·5	41·8	75	1902	29	1884, 91	17	59	2·33	6·03	37
	Leith	1014·5	48·2	57·3	42·8	81	1881	27	1883	14	46	1·83	—	—
	Tynemouth	1015·0	48·0	54·9	42·4	73	1903, 11	29	1891, 1909	14	51	1·99	—	—
	Spurn Head	1014·9	49·4	55·1	45·0	76	1913	34	1891	12	39	1·55	[5·74]**	[36]**
	Yarmouth	1015·3	50·4	55·9	45·2	81	1912	32	1891, 92	13	44	1·73	[7·48]§	[48]§
	Clacton-on-Sea	1015·4	51·3	57·5	45·5	[75]‡	[1909, 13]‡	[31]‡	[1902]‡	11	34	1·34	7·52	49
	Nottingham	1015·4	49·4	60·4	43·2	82	1895	27	1881, 1905	15	48	1·89	5·87	37
	LONDON (Kew Obsy.)	1015·8	51·1	61·7	45·0	84	1895	31	1886, 1892	12	44	1·72	6·48	42
JUNE.	Lerwick	1013·6	48·7	52·9	45·0	70	1891	33	1888	15	45	1·78	—	—
	Stornoway	1014·3	51·5	58·4	46·4	78	1911	31	1888	17	59	2·32	5·93	33
	Castlebay (Barra Isd.)	[1015·0]§	[52·2]§	[57·2]§	[49·2]§	[71]§	[1908, 10]§	[41]§	[1913]§	[16]§	[49]§	[1·91]§	[6·37]§	[36]§
	Eskdalemuir	[1015·2]¶	[51·1]¶	[61·2]‖	[43·9]‖	[78]‖	[1911]‖	[30]‖	[1914]‖	[15]‖	[77]‖	[3·05]‖	[5·63]‖	[33]‖
	Malin Head	1014·1	52·0	[58·7]*	[49·7]*	[78]*	[1905]*	[40]*	[1902, 07]*	[16]*	[54]*	[2·14]*	—	—
	Blacksod Point	1015·2	53·9	[60·6]*	[50·8]*	[82]*	[1887]*	[39]*	[1912]*	[17]*	[71]*	[2·79]*	—	—
	Valencia	1016·2	54·7	62·3	51·1	81	1887, 1902	37	1912	17	81	3·20	6·27	38
	Roche's Point	1016·4	54·5	62·4	51·3	80	1887	39	1912	14	68	2·67	—	—
	Birr Castle	1015·7	53·2	64·9	48·4	85	1887	32	1881	15	59	2·31	5·47	33
	Donaghadee	1015·2	51·8	60·7	49·3	77	1887	37	1885	15	59	2·33	—	—
	Liverpool (Observatory)	1015·6	54·0	63·6	51·0	85	1893	40	1903, 07	14	56	2·20	[7·00]§	[42]§
	Holyhead	1015·5	54·2	61·0	50·6	78	1888, 96	42	1882, 1912	13	55	2·15	[7·17]**	[43]**
	Pembroke (St. Ann's Hd.)	1015·8	53·4	60·0	51·3	79	1893	38	1888	13	50	1·98	7·27	44
	Scilly (St. Mary's)	1016·4	54·9	61·4	53·0	75	1893	41	1888	13	43	1·71	7·73	48
	Falmouth	1017·0	55·5	62·8	52·0	80	1893	42	1914	13	59	2·31	7·37	46
	Jersey (St. Aubin's)	1017·6	57·2	64·8	53·0	84	1893	39	1890	12	54	2·11	7·90	49
	Portland Bill	1016·2	55·0	61·6	52·2	[78]†	[1903]†	[43]†	[1903]†	10	34	1·33	—	—
	Dungeness	1015·8	56·2	62·8	51·7	76	1897, 1902, 03, 08, 14	37	1890, 91, 92, 93, 1909	11	40	1·56	—	—
	Dover	[1016·1]§	[56·8]§	[63·6]§	[50·3]§	[82]§	[1915]§	[38]§	[1911]§	[12]§	[54]§	[2·11]§	[7·57]§	[47]§
	Wick	1014·0	50·2	58·0	45·5	77	1887, 92	30	1881, 1903	16	46	1·80	—	—
	Nairn	1014·1	52·0	62·1	46·2	84	1888	30	1888, 1903	15	45	1·76	[5·57]‡	[32]‡
	Aberdeen	1014·7	53·0	59·9	47·0	80	1881, 87	30	1888	15	43	1·71	6·13	35
	Leith	1014·7	53·5	62·9	48·4	86	1887	34	1886	13	44	1·73	—	—
	Tynemouth	1015·1	53·2	60·7	47·8	80	1897	36	1907, 09	13	50	1·98	—	—
	Spurn Head	1015·0	54·4	60·9	50·6	83	1914	34	1881	12	39	1·53	[6·77]**	[41]**
	Yarmouth	1015·5	55·3	62·0	51·1	81	1888	37	1898	12	45	1·77	[7·27]§	[44]§
	Clacton-on-Sea	1015·9	56·1	63·5	50·9	[78]‡	[1903]‡	[38]‡	[1902]‡	10	40	1·58	7·33	45
	Nottingham	1015·6	54·2	66·7	48·8	88	1883	33	1906	13	49	1·93	5·87	35
	LONDON (Kew Obsy.)	1016·4	55·7	67·6	50·8	87	1900	38	1890, 92, 96	12	55	2·15	6·57	40

* Results for 30 years, 1886–1915.
† " 16 " 1900–1915.
‡ " 15 " 1901–1915.
‡ Results for 9 years, 1907–1915.
§ " 8 " 1908–1915.
‖ " 6 " 1910–1915.
¶ Results for 5 years, 1911–1915.
** " 2 " 1914–1915.

METEOROLOGICAL OFFICE,
South Kensington, London, S.W.
February, 1916.

AIR MINISTRY.

SUPPLEMENT TO THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT SELECTED STATIONS ISSUED ON THE 1st DAY OF EACH MONTH.

Notes on the Weather of APRIL, 1921.

Generally dry, sunny weather with considerable range of temperature was characteristic of April 1921. For nearly a fortnight mild conditions (apart from local frost at night) prevailed with some really warm days, when temperature rose to about 70°.

About the 13th., pressure became high near Iceland and generally to the Westward of the British Isles which marked the beginning of a spell of cold weather. In some parts of Scotland and the North of England maximum temperatures were 10° - 15° lower than on the 12th., while on the following day, Thursday 14th., there was a drop of about 20° further South. For several days showers of snow, sleet or hail were experienced in many districts, in particular on the 15th, but did not yield much precipitation. Night temperatures were sometimes well below the freezing point during this period, e.g. Manchester 25°, Howden 24°, Benson 21°, Eskdalemuir 18°.

After the 20th, there was a gradual return to warmer weather with maximum temperatures once more touching or exceeding 70° during the last four days, and some remarkably good sunshine records: 13.6 on 29th at Richmond has not been exceeded in April during the past forty years though it has been very nearly equalled. It is noteworthy that the total number of hours sunshine for the month was in some cases double or more than double than the total for April, 1920.

Thunderstorms occurred in various localities during the latter half of the month and were experienced in the London area on 19th and 23rd.

UPPER WINDS.

No. of records of Velocity (m.p.h.) within fixed limits.

Height.	Station.	No. of Obs.	Under 10 m.p.h.	10–25 m.p.h.	25–45 m.p.h.	45–70 m.p.h.	Above 70 m.p.h.
ft.							
2,000	Valencia.	33	4	21	6	1	0
5,000		17	4	8	4	1	0
10,000		10	0	8	2	0	0
15,000		7	0	5	2	0	0
2,000	Lympne.	61	7	35	18	1	0
5,000		39	11	19	9	0	0
10,000		6	0	6	0	0	0
15,000		1	0	1	0	0	0
2,000	Eskdalemuir.	8	3	5	0	0	0
5,000		5	1	4	0	0	0
10,000		2	0	2	0	0	0
15,000		1	0	1	0	0	0

SURFACE VISIBILITY. [No. of observations within fixed limits of telegraphic code (see p. 3).]

STATIONS.	1H.										7H.										13H.										18H.									
	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
Lerwick	0	1	0	2	6	3	10	5	3	0	1	0	0	0	4	4	8	5	8	0	0	0	1	1	3	4	3	7	11	0	0	0	2	0	4	2	5	11	6	0
Stornoway	0	0	0	0	0	8	10	12	0	0	0	0	0	0	0	2	9	11	8	0	0	0	0	0	0	1	3	13	10	3	0	0	0	0	0	2	6	9	11	2
Renfrew	0	0	0	1	1	4	3	10	11	0	0	1	0	4	3	4	7	8	3	0	0	0	0	0	0	2	9	8	11	0	0	0	0	0	1	1	4	11	13	0
Eskdalemuir	0	0	1	0	0	6	10	6	7	0	0	0	0	1	3	1	9	3	13	0	0	0	0	0	0	1	6	11	12	0	0	0	0	0	0	2	5	6	17	0
Malin Head	1	0	0	0	0	1	7	12	9	0	1	0	0	0	1	0	3	13	12	0	0	0	0	0	0	0	3	13	14	0	0	0	0	1	0	1	1	12	15	0
Blacksod Point	0	2	0	0	1	0	7	16	2	2	0	0	0	0	1	0	2	18	9	0	0	0	0	0	1	1	5	9	12	2	0	0	0	0	0	1	2	12	13	2
Valencia	*	*	*	*	*	*	*	*	*	*	0	0	1	0	0	0	0	1	19	9	0	0	0	0	0	0	1	4	16	9	0	0	0	0	0	0	1	1	19	9
Roche's Point	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	2	3	10	13	2	0	0	0	0	0	2	0	4	17	7	0	0	0	0	0	1	3	5	18	2
Baldonnel	0	0	1	0	4	6	3	5	11	0	1	0	0	0	3	4	1	6	15	0	0	0	0	0	0	5	5	4	12	4	0	0	0	0	0	5	5	5	15	0
Manchester (Alexandra Park)	*	*	*	*	*	*	*	*	*	*	1	0	4	2	11	9	1	1	1	0	0	0	0	0	3	6	8	2	10	1	0	0	0	0	0	19	2	2	6	1
Holyhead	0	0	0	0	0	0	0	7	23	0	0	0	0	0	0	1	1	7	17	4	0	0	0	0	0	0	1	9	14	6	0	0	1	0	0	1	2	7	13	6
Pembroke (St. Ann's Head)	0	0	0	0	0	0	2	7	10	11	0	0	0	0	0	0	2	9	10	9	0	0	0	0	0	1	1	7	10	11	0	0	0	0	0	0	1	8	10	11
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	0	2	1	1	0	4	7	1	5	9	0	0	0	0	1	0	6	5	7	11	0	0	0	0	0	1	4	5	11	9
Scilly	0	0	0	0	2	0	0	3	24	1	0	1	0	0	0	0	1	8	16	4	0	1	0	0	0	1	4	3	17	4	0	1	0	0	0	0	4	3	20	2
Falmouth	0	0	0	1	0	0	1	3	24	1	0	0	0	0	1	1	3	10	9	0	0	0	0	0	0	0	3	10	16	1	0	0	0	0	0	4	4	6	16	0
Cattewater	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	3	4	22	1	0	0	0	0	0	0	0	3	21	6	0	0	0	0	0	0	0	7	23	0
Calshot	0	0	0	0	2	1	3	2	22	0	0	0	0	2	1	2	4	8	12	1	0	0	0	0	0	1	2	5	19	3	0	0	0	0	0	1	0	8	19	2
Lympne	0	0	0	0	0	0	4	8	17	1	0	1	0	0	0	1	6	11	9	2	0	0	0	0	1	0	3	3	15	8	0	0	0	0	0	0	5	6	15	4
Aberdeen	*	*	*	*	*	*	*	*	*	*	0	0	1	1	2	4	3	7	12	0	0	0	0	0	0	0	1	4	20	5	0	0	0	0	0	0	0	8	22	0
Tynemouth	0	0	1	0	1	1	7	11	9	0	0	0	1	1	1	6	9	8	4	0	0	0	0	0	0	5	2	8	13	2	0	0	0	0	0	1	5	10	14	0
Howden	0	0	0	2	2	8	11	6	1	0	0	0	0	1	2	10	11	5	1	0	0	0	0	0	1	3	8	10	4	4	0	0	0	0	0	0	14	10	3	3
Cranwell	0	0	1	0	0	0	13	7	9	0	0	1	0	1	1	3	15	4	5	0	0	0	0	0	0	0	3	8	17	2	0	0	0	0	0	1	4	8	15	2
Felixstowe	0	0	0	0	2	0	1	10	17	0	0	0	1	0	1	1	5	11	11	0	0	0	0	0	0	0	4	4	20	2	0	0	0	0	0	0	2	11	13	4
Yarmouth	0	0	2	0	0	1	0	8	18	1	0	1	0	0	2	1	4	15	7	0	0	0	0	0	0	1	4	11	14	0	0	0	0	0	0	4	5	10	10	1
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Isle of Grain	*	*	*	*	*	*	*	*	*	*	1	1	0	2	2	4	8	12	0	0	0	0	0	0	1	1	6	7	13	2	0	0	0	0	0	1	6	8	13	2
Benson	*	*	*	*	*	*	*	*	*	*	0	0	3	1	2	9	5	5	5	0	0	0	0	0	1	2	10	10	6	1	0	0	0	0	1	3	8	8	8	2
S. Farnboro'	*	*	*	*	*	*	*	*	*	*	0	3	0	1	0	3	4	4	14	1	0	0	0	0	0	0	0	6	23	1	0	0	0	1	0	1	0	3	24	1
London (Kew Obsy.)	*	*	*	*	*	*	*	*	*	*	3	1	2	6	13	2	1	2	0	0	0	1	1	1	7	7	3	9	1	0	0	1	1	1	13	4	1	6	2	1
Croydon	0	0	0	0	2	5	8	9	5	1	1	1	0	1	2	12	6	3	4	0	0	0	0	0	0	4	4	6	12	4	0	0	0	0	0	2	6	11	8	3

H.M. Stationery Office Press, Kingsway, W.C.2.

Rd.3141/391. Wt.114 D.623 918 1/21.

SUMMARY OF RECORDS OF TEMPERATURE, SUNSHINE,

Equivalents of Temperature. A°.	F°.
263·6	15
268·0	23
268·6	24
273·0	32
273·6	33
278·0	41
278·6	42
283·0	50

STATIONS.	Temperature. Number of daily readings within fixed limits. ✱ Maximum. 33° - 41°	42° - 50°	51° - 59°	60° - 68°	69° - 77°	Minimum. 23° or below	24° - 32°	33° - 41°	42° - 50°	51° - 59°	Extremes:—Warmest and Coldest. Days. Highest Maximum. °F	Date.	Lowest Maximum. °F	Date.	Nights. Highest Minimum. °F	Date.	Lowest Minimum. °F	Date.	Number of Ground Frosts.	Low Cloud. Number of observations within fixed limits. 1H. Below 1,500 ft.	1,500–5,000 ft.	5,000–10,000 ft.	7H. Below 1,500 ft.	1,500–5,000 ft.	5,000–10,000 ft.	13H. Below 1,500 ft.	1,500–5,000 ft.	5,000–10,000 ft.	18H. Below 1,500 ft.	1,500–5,000 ft.	5,000–10,000 ft.
Aberdeen ...	1	7	17	4	1	0	5	15	10	0	69	1	40	15	50	1	28	16	15	*	*	*	4	12	3	0	21	3	1	20	2
Leith	0	10	17	3	0	0	4	14	12	0	66	30	43	14, 15	48	1, 2	29	16	9	*	*	*	*	*	*	*	*	*	*	*	*
Renfrew ...	0	7	20	2	1	0	2	14	?14	0	71	30	44	15, 17	?49	1	31	12	15	2	15	0	12	11	1	3	24	2	2	19	5
Eskdalemuir ...	1	15	9	5	0	4	10	11	5	0	68	29, 30	41	16	46	1	18	16	15	2	17	0	11	7	1	0	20	6	0	17	2
Tynemouth ...	1	12	14	3	0	0	2	13	15	0	66	1	41	15	49	1	28	15, 16	*	3	6	1	2	10	5	1	16	5	3	11	5
Howden ...	1	6	15	8	0	0	8	15	7	0	68	30	41	15	46	6	24	8, 15	17	6	18	0	5	21	0	3	22	0	3	21	1
Cranwell ...	1	5	16	8	0	0	7	17	6	0	67	2, 30	41	17	48	6	26	15	8	4	12	2	8	13	2	*	*	*	5	16	0
Yarmouth ...	0	11	17	2	0	0	2	12	16	0	61	13, 30	45	15	49	29	32	05, 16	3	1	1	6	0	0	11	0	5	8	0	7	7
Nottingham ...	1	5	15	8	1	0	3	16	11	0	69	30	41	17	48	6	28	16	6	*	*	*	0	10	3	0	24	2	0	20	3
I. of Grain ...	1	6	19	3	1	0	4	16	10	0	70	13	41	15	49	29	28	16	10	*	*	*	5	11	4	3	7	9	3	7	7
Benson	0	6	13	9	2	1	7	14	8	0	72	28	43	15	44	11	21	16	15	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	2	4	14	8	2	0	4	12	14	0	70	28	41	17	50	6	32	15, 16, 19, 20	12	*	*	*	4	14	1	2	14	10	1	13	7
Croydon ...	1	7	12	7	3	0	6	18	6	0	71	28	39	17	49	6	29	19	10	6	8	2	13	4	1	8	18	1	5	11	6
Manchester ...	0	7	17	4	2	0	6	16	8	0	69	28, 30	44	17	46	25	25	16	16	*	*	*	6	13	0	3	19	0	4	19	2
Bidston ...	0	10	16	3	1	0	0	12	18	0	69	28	44	17	46	7	33	16	6	*	*	*	1	13	1	0	8	14	1	12	2
Holyhead ...	1	6	20	3	0	0	0	11	19	0	64	28	40	14	47	28	34	16	4	6	5	0	5	14	0	1	20	1	4	14	0
Falmouth ...	0	3	23	4	0	0	0	14	16	0	66	30	46	15	49	29	34	16	5	*	*	*	*	*	*	*	*	*	*	*	*
Calshot ...	0	3	16	11	0	0	1	15	14	0	68	30	45	15	49	27	32	19	1	0	8	3	2	8	3	0	25	0	0	13	8
Lympne ...	1	11	9	9	0	0	3	14	13	0	67	28	37	17	48	29	28	16	6	5	8	1	9	8	1	3	23	1	7	9	1
Dublin (Phœnix Park)	0	4	24	2	0	0	10	16	4	0	63	30	45	15	46	29	27	16	8	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnel ...	0	6	21	3	0	0	5	18	7	0	63	28, 30	44	14, 15	46	1, 2	28	16	12	7	10	0	9	8	0	3	21	1	3	18	0
Birr Castle ...	0	5	19	5	1	0	6	12	12	0	69	30	43	15	48	29	28	16	11	*	*	*	4	7	3	1	19	2	4	15	1
Valencia ...	0	4	21	4	1	0	0	11	18	1	69	30	46	15	51	28	33	19	0	*	*	*	7	18	1	4	24	0	6	22	0

UPPER AIR TEMPERATURE.

Pressure.	Normal Height.	Normal Temperature.	Baldonnel. Mean.	No. of Reports.	Shoeburyness. Mean.	No. of Reports.	S. Farnboro'. Mean.	No. of Reports.	Andover. Mean.	No. of Reports.
mb.	feet.	°F.	°F.		°F.		°F.		°F.	
950	1760	41	38°	19	41°	3	41°	11	41	5
850	4700	31	30°	19	34°	3	30°	11	33	5
750	7940	23	23°	18	5°	1	17°	4	29	5
650	11610	12	11°	18	-	0	11°	1	15	5
550	15740	-3	5°	7	-	0	-	0	-2	4

MINIMUM SURFACE HUMIDITY.

No. of Days with Minima between Fixed Limits.

Station.	95–100 %	90–94 %	80–89 %	70–79 %	60–69 %	50–59 %	40–49 %	30–39 %	20–29 %
Renfrew ...	0	0	1	3	8	9	7	2	0
Eskdalemuir ... #	0	0	0	1	4	3	7	8	4
Valencia ...	0	0	2	5	11	11	1	0	0
Falmouth ...	0	0	0	1	8	8	8	5	0
Aberdeen ...	0	1	0	5	9	12	3	0	0
Leith	*	*	*	*	*	*	*	*	0
Benson ...	0	0	0	4	7	6	12	1	0
London (Kew Obsy.) ...	0	0	0	2	5	9	8	6	

METEOROLOGICAL OFFICE: AIR MINISTRY, KINGSWAY, W.C.2.

✱ Since March 15th 1921 the readings used have been the maximum for the period 7h - 18h, and the minimum for the period 18h - 7h. Previously the period was 7h - 7h.

On three occasions the minimum humidity was less than 20% at Eskdalemuir.

RAINFALL, HUMIDITY AND LOW CLOUD, APRIL, 1921.

Equivalents of Temperature.

A°.	F°.
283·6	51
288·0	59
288·6	60
293·0	68
293·6	69
298·0	77
298·6	78
303·0	86

STATIONS.	Sunshine. Number of days with duration. Nil.	0·1—3h.	3·1—6h.	6·1—9h.	Above 9h.	Maximum Duration. Hours.	Date.	Total for past 12 months. hours.	Difference from Average. hours.	Total for Month. hours.	Difference from Average. hours.	Rainfall. Number of days with amount. 0, trace or 0·1 mm.	0·2—1 mm.	1·1—5 mm.	5·1—15 mm.	15·1—25 mm.	Above 25 mm.	Total for past 12 months. mm.	Difference from Average. mm.	Total for month. mm.	Difference from Average. mm.	Days with Thunder.	Days with Snow or Sleet.
Aberdeen ...	2	3	8	9	8	14·4	30	1432	+45	206	+48	19	4	5	1	1	0	651	-97	38	-10	0	5
Leith	*	*	*	*	*	*	*	*	*	*	*	22	4	3	1	0	0	686	+94	19	-14	0	4
Renfrew ...	3	9	5	5	8	12·0	30	*	*	162	*	23	3	2	2	0	0	*	*	19	*	0	1
Eskdalemuir ...	1	9	2	13	5	14·0	30	1177	*	178	*	13	8	6	2	1	0	1581	*	49	*	0	4
Tynemouth ...	*	*	*	*	*	*	*	*	*	*	*	18	6	5	1	0	0	587	-34	24	-12	0	2
Howden ...	1	8	4	9	8	13·7	29	1275	*	189	*	16	4	9	1	0	0	407	*	30	*	0	2
Cranwell ...	1	7	5	7	10	13·6	29	1526	*	194	*	17	6	5	2	0	0	446	*	25	*	0	3
Yarmouth ...	2	4	3	6	15	13·8	29	1822	*	238	*	19	6	3	2	0	0	462	-160	30	-8	0	2
Nottingham ...	0	10	7	6	7	13·7	29	1159	-166	169	+20	17	7	6	0	0	0	495	-103	20	-16	1	2
I. of Grain ...	1	5	3	11	10	13·5	29	*	*	216	*	21	4	3	2	0	0	*	*	24	*	0	3
Benson... ...	*	*	*	*	*	*	*	*	*	*	*	19	5	5	1	0	0	532	*	23	*	1	1
London ... (Kew Obsy.)	1	5	6	9	9	13·6	29	1377	-98	196	+39	21	4	3	2	0	0	555	-51	27	-10	3	3
Croydon ...	*	*	*	*	*	*	*	*	*	*	*	19	4	5	2	0	0	510	*	30	*	1	4
Manchester ...	*	*	*	*	*	*	*	*	*	*	*	22	0	8	0	0	0	*	*	29	*	0	2
Bidston ...	2	3	8	7	10	14·0	24	1346	*	200	*	21	3	6	0	0	0	668	-41	22	-19	0	2
Holyhead ...	*	*	*	*	*	?13·4	29	*	*	*	*	19	5	2	4	0	0	1110	+222	43	-10	1	3
Falmouth ...	0	2	7	6	15	12·9	30	1619	-140	250	+66	18	6	6	0	0	0	985	-122	26	-41	0	1
Calshot... ...	0	1	9	5	15	13·5	29	1710	*	240	*	22	4	3	1	0	0	576	*	16	*	4	2
Lympne ...	2	5	1	7	15	13·8	29	1806	*	236	*	21	2	4	3	0	0	622	*	38	*	2	5
Dublin ... ... (Phœnix Park)	1	10	2	3	14	13·4	30	1398	-109	212	+47	19	4	6	1	0	0	756	+51	22	-24	1	2
Baldonnel ...	1	9	3	7	10	13·2	30	1270	*	195	*	21	4	4	1	0	0	744	*	16	*	2	2
Birr Castle ...	2	4	8	5	11	12·8	30	1233	-110	200	+46	17	8	5	0	0	0	804	-25	21	-34	0	2
Valencia ...	2	6	6	4	12	13·4	30	1233	-212	195	+35	18	6	4	2	0	0	1473	+59	31	-62	0	1

TELEGRAPHIC CODE.

Figure	Distance of Visibility
0	less than 55 yds
1	" " 220 yds
2	" " 550 yds
3	" " 1,100 yds
4	" " 1·2 miles
5	" " 2·5 "
6	" " 4·3 "
7	" " 7·5 "
8	" " 18·6 "
9	beyond 18·6 "

REMARKS ON CHART OF ISOPLETHS FOR APRIL 1921. (p. 4).

The diagram is obtained by drawing a line from Akureyri in Iceland to the South of France, near Marseilles. The points at which the isobars intersect this line at 1h., 7h., 13h. and 18h. are plotted consecutively and joined to shew the variation of pressure from day to day at any point in the line. The line terminates at Lat. 66° N., Long. 18° W. in the north, at Lat. 44½° N., Long. 4° E. in the south.

Pressure was comparatively high over the British Isles in the early part of the month, increasing to nearly 1040mb in the North of Scotland on the 9th. Subsequently the anticyclone became centred over our Islands for a day or two but was less intense.

A depression indicated off South-West Iceland at 7h. on the 16th travelled in a South-Easterly direction across the Irish Sea to France, but apart from this no main disturbance passed across England.

——— = 1,020 mb. — — — — = 1,000 mb. —·—·—·— = 980 mb. —o—o—o— = 960 mb.

G. C. SIMPSON, F.R.S., Director.

PRESSURE: ICELAND TO GULF OF LYONS ..... APRIL ..... 1921.

ISOPLETHS* BASED ON SIX-HOURLY OBSERVATIONS.

* For explanation and notes on diagram see page 3.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.21679 FRIDAY, 1ST APRIL 1921.

Observations at 1300 G.M.T. 31ST March

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
erwick	1005.2	+1	W	3	r_0r_0	47	97	5	2500	Nb	10	-	10	
ornoway	1015.3	+3	W	5	pr_0	51	85	6	4500	St	10	-	10	
ick	1011.3	+2	W	5	cov	53	85	9	5000	St Cu	9	-	9	
astlebay	1020.6	+3	W	4	ff0	49	97	5	4500	St	10	-	10	
airn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
berdeen	1015.2	+1	WSW	4	co+	62	65	9	2500	St Cu	8	-	8	
alin Head	1023.5	+4	WNW	3	co/r	48	97	7	4500	St	10	-	10	
enfrew	1022.4	+2	WSW	4	co	51	92	7	1500	St Cu	10	-	10	
eith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
akdalemuir	1023.5	+4	W	3	co	50	85	8	1500	St	10	-	10	
ynemouth	1021.1	+3	NW	4	co+	55	75	8	2500	Cu	3	Ci St	7	
lacksod Point	1026.6	+3	SW	3	co	51	92	6	4500	St	10	-	10	
onaghadee	1025.0	+3	WNW	3	co	54	75	8	4000	Cu	9	-	9	
irr Castle	1028.3	+	SW	2	co+	51	92	8	-	-	-	A St	9	
aldonnell	1027.7	+2	WSW	3	co	51	85	8	1500	St	10	-	10	
olyhead	1027.4	+2	WNW	3	co	50	85	8	1500	St	3	A St	10	
iverpool (Bidston)	1026.7	+2	W	4	co	49	85	6	1500	St	10	-	10	
anchester (Alex.Pk.)	1026.4	+3	WNW	3	co	51	75	6	2500	St	6	A St	10	
owden	1022.7	+2	NW	5	co-	58	75	7	2500	St	1	Ci St	6	
purn Head	1022.4	+3	W	4	bc	53	75	8	-	-	-	Ci Cu	2	
ottingham	1024.3	+	W	3	co+	56	75	4	-	-	-	Ci St	7	*
ranwell	1024.1	+3	WNW	3	co	59	75	6	4000	Cu	1	Ci St	10	
orleston	1023.5	+3	NE	2	co	56	65	7	-	-	-	A St	6	
ulham	1024.3	+2	WNW	2	co	59	55	7	2500	Cu	6	A St	9	
elixstowe	1025.0	+2	NW	3	co-	57	65	7	2500	Cu	7	-	7	
alencia (Cahirciveen)	1030.0	0	W	2	cov	52	85	9	1500	St Cu	8	-	8	
oches Point	1029.1	+1	WNW	3	co	53	85	8	1500	St Cu	10	-	10	
embroke (St.Ann's H.)	1029.3	+1	W	2	co	52	75	7	4000	Cu	1	Ci St	7	
oss-on-Wye	1025.7	+1	WNW	3	co+	61	55	8	-	-	-	Ci	7	
enson	1026.1	+1	NW	2	bc-	56	65	7	-	Cu	4	Ci	5	
Farnborough	1026.0	+2	WNW	2	co-	59	55	8	2500	Cu	5	Ci	7	
ondon	1025.9	0	W	3	co-	55	65	8	5000	Cu	6	-	6	
roydon	1026.6	+3	W	4	co-	55	65	8	4000	St Cu	8	Ci	9	
Hacton-on-Sea														
hoeburyness	1025.1	+3	NW	1	co/f	57	65	7	4000	Cu	7	-	7	
rain	1026.1	+2	W	4	co+	58	65	8	4000	Cu	8	-	8	
ympne	1025.7	+2	WNW	4	co	53	75	8	4000	St Cu	9	-	9	
cilly (St. Mary's)	1028.9	+1	NNW	1	co-	55	85	8	7250	-	-	A Cu	8	
almouth	1029.2	+1	NNW	2	co	58	65	8	-	St Cu	8	-	8	
lymouth	1028.2	0	NW	3	co	54	65	8	1500	St Cu	10	-	10	
ortland Bill	1026.9	+2	W	4	co	49	92	7	1500	St Cu	8	-	8	
alshot	1026.7	0	NW	3	co	56	65	8	4000	St Cu	8	-	8	
ungeness	1025.8	+2	WSW	5	bc-	54	97	6	-	-	-	-	5	
ersey	1029.0	0	W	5	co	52	85	8	1500	St Cu	10	-	10	

Observations at 1800 G.M.T. 31ST MARCH

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
erwick	1009.0	+6	W	4	r_0r_0	47	92	4	2500	Nb	10	-	10	6
ornoway	1017.3	+3	NW	5	pr_0	50	92	6	4500	St	10	-	10	5
ick	1014.4	+2	W	3	co-	51	92	8	5000	St Cu	8	-	8	1
astlebay	1021.4	+1	W	4	ff0	50	97	5	4500	Nb	10	-	10	4
airn	1016.7	+	W	4	c	53						*		*
berdeen	1017.0	+3	W	3	co	56	75	8	4000	St Cu	8	-	8	0
alin Head	1024.1	+1	W	3	f6+	48	97	6	4500	St	10	-	10	4
enfrew	1023.1	+1	W	3	co	50	85	7	1500	St Cu	10	-	10	*
eith	1020.8	0	W	4	c	51	*	*	*	*	*	x	*	*
akdalemuir														
ynemouth	1023.8	0	SW	2	co	47	75	8	1500	St	10	-	10	*
lacksod Point	1021.1	+1	W	4	bc	53	75	6	-	-	-			0
onaghadee	1026.2	0	W	1	ff0	50	92	6	500	St	10	-	10	0
irr Castle	1024.9	+1	W	2	bc-	54	75	8	4000	Cu	4	-	4	0
aldonnell	1028.3	+	W	2	co+	52	85	7	4500	St	10	-	10	*
olyhead	1027.5	+1	W	2	co	51	85	8	1500	St Cu	10	-	10	
iverpool (Bidston)	1027.3	0	SW	4	co	49	85	7	1500	St Cu	9	A St	10	0
anchester (Alex.Pk.)	1026.6	+1	W	4	co+	48	85	7	4000	St	10	-	10	
owden	1026.4	+1	W	4	co	49	85	5	1500	St	10	-	10	
purn Head	1025.0	+3	SW	2	co	51	85	6	4000	St	6	A St	9	
ottingham	1023.1	+1	W	3	bc+	53	65	8	—	—	—	A St	2	1
ranwell	1026.1	?	WNW	3	co	52	?	?	—	—	—	Ci St	8	
orleston	1026.2	+2	WNW	1	co	54	~~85~~ 92	6	4000	St	3	Ci	9	
ulham	1024.4	0	SSW	1	co+	48	85	4	—	—	—	Ci St	10	0
elixstowe	1026.0	+2	WNW	1	co	57	65	5	4000	St Cu	4	A St	9	
alencia (Cahirciveen)	1025.3	+1	NW	3	co	56	75	7	7250	St Cu	1	A St	8	
oches Point	1030.1	+1	NW	2	co	51	85	8	1500	St Cu	9	—	9	1
embroke (St.Ann's H.)	1029.0	0	NW	1	co	52	85	8	1500	St Cu	10	—	10	0
oss-on-Wye	1030.7	0	W	1	co	49	85	7	2500	St	5	A Cu	8	3
enson	1025.8	0	N	1	bc+	57	75	8	—	—	—	A St	6	
Farnborough	1025.8	0	N	1	bc-	58	75	6	—	—	—	Ci	5	
ondon	1025.6	+1	WNW	1	co+	58	65	8	—	—	—	Ci	8	
roydon	1025.8	0	NW	1	co	58	65	8	—	—	—	Ci	8	*
Hacton-on-Sea	1026.4	+1	W	2	co+	55	75	8	—	—	—	Ci St	8	
hoeburyness	1025.1	+2	W	2	bc	58	75	7	—	—	—	A St	7	0
rain	1025.5	+1	WNW	1	f6+	54	75	4	2000	St Cu	1	A Cu	6	?
ympne	1025.9	+1	SW	1	co	53	65	6	4000	St Cu	6	A St	7	0
cilly (St. Mary's)	1026.0	0	SW	2	co	53	75	7	4000	St Cu	8	A St	9	*
almouth	1028.8	-1	NNW	2	co+	50	97	8	2500	St	8	—	8	3
lymouth	1028.8	0	NW	3	bc+	50	75	7	—	St Cu	3	Ci	4	?
ortland Bill	1028.0	+1	NNW	3	co	50	75	8	2500	St Cu	4	Ci St	10	
alshot	1026.9	0	W	4	bc-	50	92	8	—	—	—	Ci Cu	2	3
ungeness	1026.5	+1	SW	3	co+	52	85	8	—	—	—	Ci	10	0
ersey	1025.8	+1	WSW	2	co+	50	97	6	—	—	—	—	7	3
	1028.2	0	WNW	3	bc+	52	85	8	1500	St Cu	3	—	3	0

London Observations

	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 Hours ended 0900 G.M.T. 1ST APRIL							Yesterday.	To-day.	
Kew } 24 hours ended 0700	c	c	b or bc	*	*	29	–	4.1	*	*
Croydon } 24 hours ended 0700	00	c	b bc f m	*	*	31	–	*	*	*
Greenwich (Royal Obsy.)	oc	bc b	bm	61	37	30	–	4.4	59	79
City (Bunhill Row)	*	*	*	*	*	*	*	3.9	*	*
Westminster (St. James' Pk.)	*	*	*	61	40	33	–	4.5	58	75
Camden Sq. (Brit. Rainfall)	c bc	b	*	?	40	32	–	*	57	76
Kensington Palace	o	bc c	*	61	40	32	–	*	(6P 18h.)	91
Hampstead Observatory	*	*	*	60	36	*	–	4.9	*	51

Atmospheric Pollution. Lbs. of Solid impurity per million cubic yards.

24 Hr. ended 1600 G.M.T. 31.3.21

South Kensington Max.	Time.	Min.	Time.
2 lb	6PM-8AM 30.3.21	< ½ lb	0445-4AM

Kew Observatory Max.	Time.	Min.	Time.
1 lb	7PM	< ½ lb	0445-2445

Solar Radiation. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..... joules

Average Rate

..... Milliwatts.

Maximum Rate

..... Milliwatts.

Pole Star Record at Greenwich Obsy.

Exposure from 31ST MAR. 19h. 30m. to 1ST APR. 4h. 45m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	9.15	7.50	85
δ Ursae Minoris	9.15	7.1	76

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.

1ST TO 2ND APRIL 1921.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.30	11.54	6.24
	5.28	11.54	6.26
Greenwich	5.28	12.4	6.30
	5.26	12.4	6.32
Wick	5.42	12.16	6.50
	5.40	12.16	6.52
Valencia	6.19	12.45	7.11
	6.17	12.45	7.13

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, *i.e.*, rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; – = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
r_0r_0 = continuous light rain.

The **Beaufort Scale of Wind** is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Sea Disturbance.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1–3	0·3–1·5
2	4–7	1·6–3·3
3	8–12	3·4–5·4
4	13–18	5·5–7·9
5	19–24	8·0–10·7
6	25–31	10·8–13·8
7	32–38	13·9–17·1
8	39–46	17·2–20·7
9	47–54	20·8–24·4
10	55–63	24·5–28·4
11	64–75	28·5–33·5
12	Above 75	33·6 or above

* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

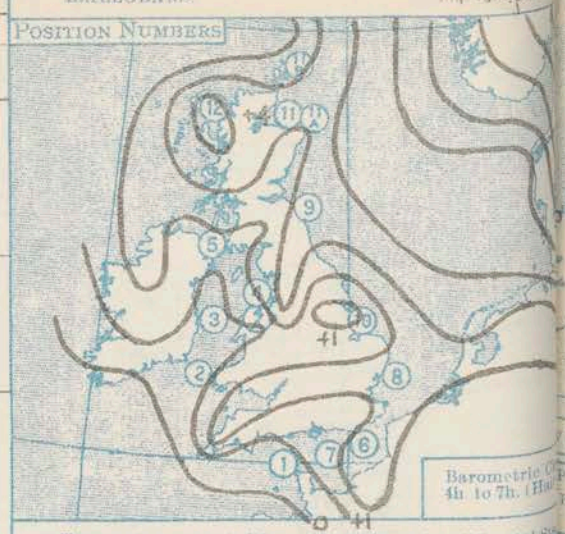
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 31st March	WEATHER. 13h.-18h. 31st March	WEATHER. 18h. 31st March to 1h. 1st	WEATHER. 1h.-7h. 1st	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS.	RAINFALL.† Day. 7h.-18h.	RAINFALL.† Night. 18h.-7h.	RAINFALL.† Precipitation began.	SUN. Hours.
Lerwick	p	rd	rd	rd	48	40	*	2	2	14h.	*
Stornoway	p	p	c	c	51	48	*	3	–	–	0.0
Wick	c	c	0.0	c	56	48	*	0.3	0.3	3h.	*
Castlebay	rd	form	–	rd	50	48	*	trace	0.1	–	0.0
Nairn	q.bcg	bcqcg	–	cg	56	47	*	–	–	*	3.5
Aberdeen	b.bc	c	–	c	62	48	43	–	–	–	1.7
Malin Head	0.0	0.0	F	F	49	47	*	0.2	–	9h.	0.0
Renfrew	0.0	0.0	bor bc	0.0	52	48	45	–	–	–	0.2
Leith	cuqc	cbcqc	cuc	0	56	48	*	trace		–	*
Eskdalemuir	0.0	0.0	0.0	0.0	51	46	44	–	–	–	0.0
Tynemouth	b.bc	c	c	bor bc	55	49	*	–	–	–	*
Blacksod Point ...	0.0	form	F	form	52	49	*	–	0.2	–	*
Donaghadee	c	bor bc	~	bor bc	56	46	*	–	~	–	*
Birr Castle	c	F	–	rd	52	46	46	–	0.4	5h.	0.3
Baldonnell	0.0	0.0	bor bc	0.0	52	46	44	–	~	–	0.0
Holyhead	0.0	form	c	form	52	42	32	–	–	–	0.1
Liverpool (Bidston) ...	0.0	c	–	form	51	44	*	–	–	–	0.1
Manchester (Alex. Pk.)	0.0	0.0	–	0.0	53	42	35	–	~	–	*
Howden	b.bc	0.0	form	0.0	59	36	29	–	–	–	7.9
Spurn Head	b.bc	bor bc	bor bc	bor bc	55	44	*	–	–	–	*
Nottingham	b.bc	0.0		form	58	39	35	–	–	–	7.9
Cranwell	b.bc	c	bor bc	bor bc	60	41	39	–	–	–	8.0
Gorleston	c	c	bor bc	form	58	?	38	–	–	–	3.4
Pulham	c	c	bor bc	F	60	38	34	–	–	–	5.3
Felixstowe	c	c	bor bc	bor bc	60	41	38	–	–	–	3.3
Valencia (Cahirciveen)	c	c	0.0	0.0	52	47	45	–	–	–	1.1
Roches Point	0.0	0.0	–	0.0	53	46	*	–	trace	–	*
Pembroke (St. Ann's H.)	b.bc	c	bor bc	bor bc	52	45	*	–	–	–	8.0
Ross-on-Wye	b.bc	c	–	bor bc	64	37	32	–	–	–	9.1
Benson...	c	bor bc	–	form	61	34	28	–	–	–	*
S. Farnborough ...	c	bor bc	–	F	62	36	30	–	–	–	4.7
London	c	c	–	bor bc	59	39	29	–	–	–	4.1
Croydon	0.0	c	bor bc	form	59	37	31	–	–	–	*
Clacton-on-Sea ...	–	bor bc	–	form	61	40	37	–	–	–	3.1
Shoeburyness	form	bor bc	–	bor bc	60	40	35	–	–	–	2.8
Grain	c	bor bc	–	bor bc	59	36	29	–	–	–	2.5
Lympne	0.0	0.0	bor bc	form	55	40	35	–	–	–	2.5
Scilly (St. Mary's) ...	c	c	0.0	0.0	56	47	*	–	–	–	6.9
Falmouth	c	bor bc	bor bc	bor bc	59	43	39	–	–	–	4.7
Plymouth	0.0	c	–	bor bc	56	37	33	–	–	–	5.1
Portland Bill	0.0	bor bc	bor bc	bor bc	52	45	*	–	–	–	*
Calshot	c	c	bor bc	form	58	40	?	–	–	–	5.6
Dungeness	c	c	bor bc	form	57	39	*	–	–	–	*
Jersey	c	c	bor bc	form	55	40	*	–	–	–	4.3

ISALLOBARS. 1st April

POSITION NUMBERS



Temperature reported from Cross Channel and Coastal ste

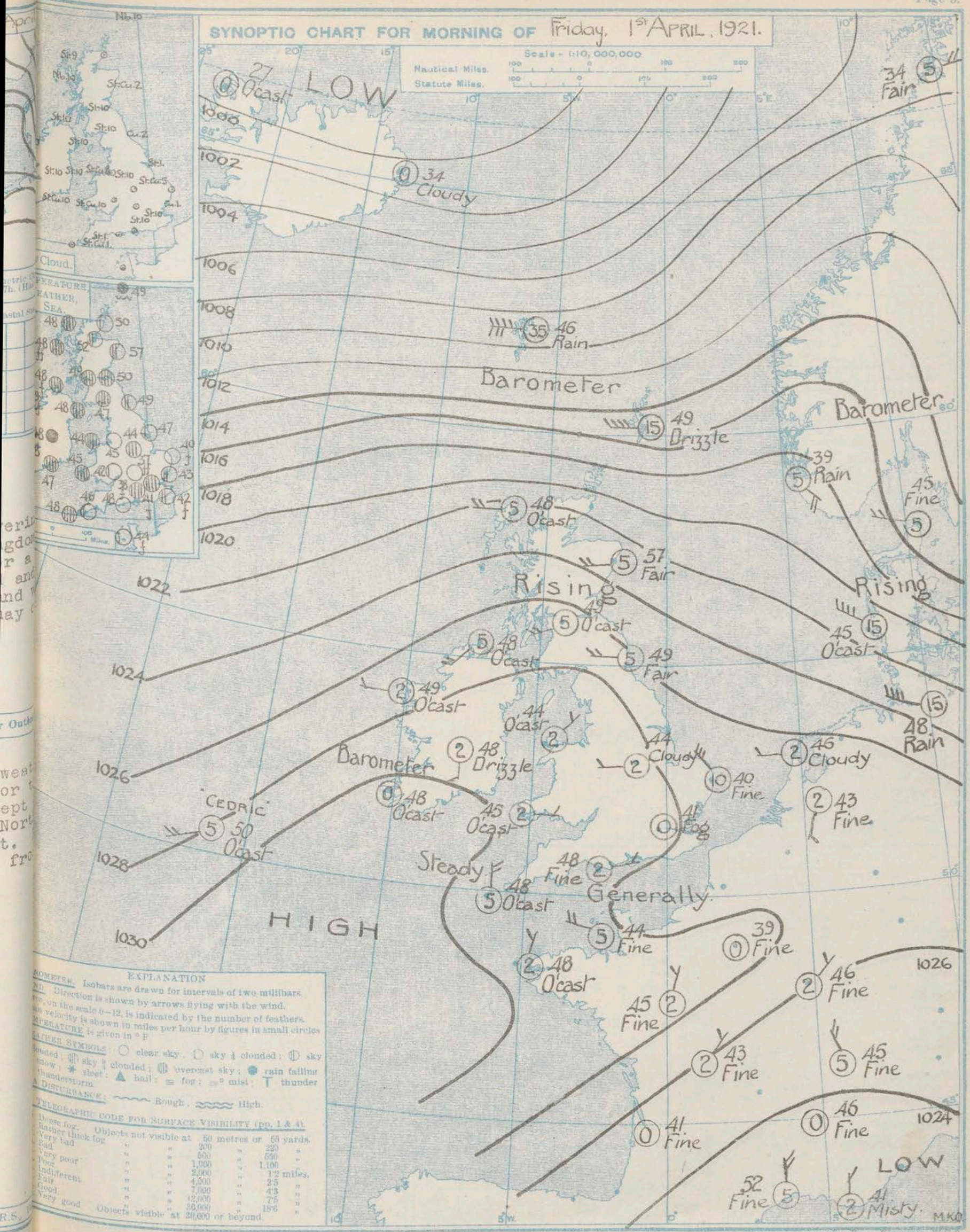
Position Number.	12	4A	5	10	3	1	6	8	2	7
Date	31st	31st	31st	31st	31st	31st	31st	31st	1st	1st
Time G.M.T.	0430	0505	0505	0910	1005	1220	1340	2359	0200	0230
Sea ° F.	46	45	46	45	48	50	48	46	48	48
Air ° F.	48	47	49	50	51	52	53	48	49	49

GENERAL INFERENCE.

The anticyclone coveri
Southern half of the Kingdo
maintain fine weather for a
or two except in Ireland an
West and North of Scotland
slight rain or drizzle may

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Friday, 1st April, 1921.	Further Outl
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England	Winds light variable; fine generally; morning mist or fog day visibility fair to good; mild during day cool at night; risk of ground frost.	Fair weat for two or days except extreme Nort Northwest. of night fro
6. South Wales 7. North Wales 8. N.W. England	Wind light variable; cloudy to fair; visibility indifferent to fair, local mist; rather mild.	
9. N. Midlands 10. N.E. England 11. E. Scotland	Light Westerly wind; fine; some morning mist or fog, day visibility fair; mild.	
12. S.W. Scotland 13. Isle of Man	As for 6-8	
~~14. N. & N.W. Scotland~~ 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland	Wind Westerly light to moderate; cloudy or dull perhaps some drizzle; visibility indifferent to fair, local fog, mild.	
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light variable winds; cloudy or overcast, perhaps local drizzle; visibility indifferent to fair; mild, local mist or fog.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.00 G. C. SIMPSON, F.R.S.



H.M. Stationery Office, Press Buildings, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION.....FRIDAY, 1ST APRIL.....1921. No. 91.....

Observations at 0100 G.M.T. 1ST APRIL

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1014.0	+2	–	0	co/r	45	97	3	-	Nb.	10	–	10	*
Stornoway	1020.7	+3	W	4	co-	*	*	6	*	*	*	*	*	*
Wick	1018.1	+2	WSW	3	co	49	92	8	4000	Sr.Cu	9	-	9	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1026.1	+3	SW	2	ffo	48	92	0	450	St.	10	-	10	*
Renfrew	1026.0	+2	SW	3	co	49	95	8	1500	Sr.Cu	9	-	9	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1025.9	+1	W	3	co	47	97	5	1500	St.	10	-	10	*
Tynemouth	1023.7	0	W	4	bc	50	75	6	–	-	-	-	-	*
Blacksod Point ...	1027.5	+2	S	2	fo-	50	92	1	450	St.	10	-	10	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1029.3	+1	WSW	2	fo+	48	92	4	450	St.	10	-	10	*
Holyhead	1028.6	0	WSW	4	bc-	*	*	8	-	-	-	-	-	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	1026.0	0	-	0	fb-	40	97	4	2500	St.	2	-	2	*
Spurn Head	1025.7	+2	W	2	bc	47	85	7	-	-	-	-	*	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1026.4	0	W	2	bc+	44	97	6	4000	St.	2	A.St	4	*
Gorleston	1025.4	+1	NW	2	fb	45	92	5	-	-	-	-	-	*
Pulham	1026.1	0	W	2	bc	42	92	5	-	-	-	-	-	*
Felixstowe	1026.7	+1	NNW	3	bc	46	92	7	-	-	-	-	-	*
Valencia (Cahirciveen)	1031.3	+2	SSW	1	bc-	49	*	*	*	*	*	*	*	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1029.6	0	NE	1	co	48	92	8	-	-	-	-	7	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London	1027.6	+2	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1028.2	+2	W	1	bc-	41	97	6	-	-	-	-	-	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1026.9	0	NW	1	bc-	44	94	8	2500	Sr.Cu	3	-	3	*
Scilly (St. Mary's) ...	1029.4	0	NNE	1	co	48	97	8	-	-	-	Ci.Sr.	10	*
Falmouth	1029.0	0	NNW	2	bc	44	92	5	-	St.	1	-	1	*
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1027.9	+1	NNW	4	bc	49	92	8	-	-	-	Ci.Cu	1	*
Calshot	1028.2	+1	NNW	1	bc	42	97	6	-	-	-	-	-	*
Dungeness	1026.7	0	W	1	bc	45	97	4	-	-	-	-	-	*
Jersey (Guernsey Th.)	1028.4	+1	NW	2	bc	46	92	7	-	-	-	-	-	*

Observations at 0700 G.M.T. 1ST APRIL

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	1014.7	+2	W	4	od	48	92	4	2500	Nb.	10	-	10
Stornoway	1022.8	+4	W	2	co	48	92	6	800	St.	9	-	9
Wick	1020.3	+3	WNW	2	bc-	50	92	8	7250	-	-	Ci.Cu	4
Castlebay	1025.8	+3	SW	3	ffo	48	97	4	450	Nb.	10	-	10
Nairn	1022.4	*	WSW	3	bc	52	*	*	*	*	*	*	*
Aberdeen	1022.4	+2	WNW	2	bc-	57	75	8	5750	St.Cu	2	A.Cu	4
Malin Head	1026.6	+2	SW	2	fo	48	92	0	450	St.	10	-	10
Renfrew	1027.3	+3	WSW	2	co	49	97	5	800	St.	10	-	10
Leith	1025.9	+1	SW	2	o	50	*	*	*	*	*	*	*
Eskdalemuir	1027.9	+2	SW	2	co	47	97	6	1500	St.	10	-	10
Tynemouth	1026.0	+3	W	3	co+	49	85	7	5750	Cu	2	Ci.Cu	6
Blacksod Point ...	1027.9	+1	W	1	ifo	49	97	4	450	St.	10	-	10
Donaghadee	1028.1	+1	W	1	co+	48	92	8	2500	St.	10	-	*
Birr Castle	1029.8	*	S	1	od	48	92	7	450	St.	10	-	-
Baldonnell	1030.1	+2	SW	1	od	47	97	5	450	St.	10	-	10
Holyhead	1029.6	+1	NE	1	co	44	97	5	1500	St.Cu	8	A.St.	10
Liverpool (Bidston) ...	1029.0	+1	W	1	bc/f	45	92	7	-	-	-	-	-
Manchester (Alex.Pk.)	1029.1	+3	SW	2	ffo	45	92	3	2150	St.	10	-	10
Howden	1027.5	+1	-	0	co-	47	92	8	-	-	-	A.St	9
Spurn Head	1026.6	+1	WNW	3	bc	47	85	8	4000	St.	1	Ci.Cu	1
Nottingham	1028.4	*	W	1	co/f	44	97	3	7250	-	-	A.Cu	7
Cranwell	1028.1	+2	~~SSW~~ W	1	co+	46	97	6	4000	Sr.Cu	5	A.Cu	8
Gorleston	1026.6	+2	NW	3	fb+	40	97	4	-	-	-	-	-
Pulham	1028.1	+3	W	1	fb+	40	97	1	-	-	-	-	-
Felixstowe	1028.5	+1	NNW	2	bc	43	97	6	-	-	-	Ci.Sr	1
Valencia (Cahirciveen)	1030.5	0	–	0	co	48	95	7	1500	St.	10	-	10
Roches Point	1030.4	0	NW	1	co	47	97	7	1300	Sr.Cu	10	-	10
Pembroke (St. Ann's H.)	1029.5	+1	E	1	co+	45	97	8	5750	Sr.Cu	10	-	10
Ross-on-Wye	1029.1	+2	-	0	bc	42	92	8	-	-	-	Ci	1
Benson...	1029.4	+2	-	0	ff.b	37	97	2	-	-	-	-	-
S. Farnborough ...	1028.9	+2	-	0	fo-	38	97	1	450	St.	10	-	-
London	1028.9	+2	-	0	fo+	41	97	1	-	St.	10	-	10
Croydon	1029.1	+1	S	1	bc	40	97	5	-	-	-	Ci.Sr	5
Clacton-on-Sea ...	1027.9	+3	NW	3	bc/f	43	92	5	-	-	-	A.St	3
Shoeburyness	1028.2	+1	NNW	1	ff.b	44	85	4	4750	Cu	1	-	1
Grain	1029.5	+2	W	1	bc	42	97	4	-	-	-	Ci	2
Lympne	1028.0	+2	N	1	bc/f	43	97	6	-	-	-	A.St	3
Scilly (St. Mary's) ...	1028.7	0	N	2	co	48	97	8	-	-	-	Ci.Sr	10
Falmouth	1029.0	+2	NNW	2	bc	46	92	7	-	Sr.Cu	1	-	1
Plymouth	1028.8	+1	E	1	bc/f	38	97	8	2150	St.	1	Ci.Sr	2
Portland Bill	1028.3	+1	ENE	1	bc	48	92	7	-	-	-	-	-
Calshot	1028.9	+1	–	0	fb	43	97	5	-	-	-	Ci	4
Dungeness	1027.6	+2	N	1	fb-	42	97	4	-	-	-	-	5
Jersey (Guernsey Th.)	1028.3	0	NNW	2	fb-	44	97	6	-	-	-	Ci	2

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 31ST MARCH

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 30TH-31ST mm.	Rainfall.† Day 9h.-18h 31ST mm.	Sunshine. Sunrise to 17h. 31ST hr.	Sunshine. Sunrise to Sunset. hr.
Banff	o.c.bc	c.bcd	61	45	-	-	3.0	
Montrose	bc	bc	60	46	-	-	3.6	
Llandudno	o	o	52	47	-	-	0.4	
Colwyn Bay ...	+	+	53	46	-	-	0.0	
Rhyl...	c	c	52	47	-	-	0.0	
Southport	o.c	o.c	50	47	-	-	0.3	
Blackpool	o	o	50	45	-	-	0.0	
Harrogate	b	bc.c	58	44	-	-	6.2	
Skegness	b	b	61	44	-	-	9.6	
Aberystwyth ...	c.b	b.bc	51	45	-	-	9.5	
Bath	b.bc	b	58	44	-	-	9.0	
Leamington Spa ...	o.c.b	bc	59	43	-	-	5.3	
Lowestoft	o.c.bc	bc.c.o	39	42	-	-	4.3	
Felixstowe	om	om	60	42	-	-	2.8	
Southend	o.c.bc	bc.c	60	38	-	-	3.6	
Ilfracombe	o.c.bc.b	b.bc.c.o	52	46	-	-	6.6	
Bude	c.bc.b.c	b	53	47	-	-	4.8	
Penzance	b.bc	bc	54	44	-	-	7.5	
Torquay	c.bc	bc	61	43	-	-	6.7	
Weymouth	bc.c	bc	60	43	-	-	7.0	
Bournemouth ...	bc	bc.b	59	41	-	-	6.4	
Portsmouth (S'thsea)	+	+	60	43	-	-	5.1	
Worthing	bc	bc	56	39	-	-	3.8	
Brighton	o.bc.o	o.bc	55	42	-	-	4.0	
Eastbourne ...	o.c.o	o.c	56	42	-	-	3.1	
Hastings	o.c.bc	b.o.c	54	39	-	-	3.8	
Folkestone	o	c.o	56	38	-	-	1.8	
Tunbridge Wells ...	c	bc	59	34	-	-	4.1	
Ramsgate	o	o	54	34	-	-	0.9	
Margate	o	o	52	34	-	-	0.1	

* Information for these columns not usually received † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION. No. B.21681 SATURDAY, 2nd APRIL 1921.

Observations at 1300 G.M.T. 1st Apl

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1019·3	+3	W	5	bc/r	49	92	3	2500	Nb	5	A Cu	7	*
Stornoway	1024·5	0	W	4	bc-	54	75	6	5750	Cu	2	A Cu	4	*
Wick	1022·8	+2	WNW	2	bc	39	75	8	-	-	-	Ci Cu	2	*
Castlebay	1024·5	0	SW	4	bc-	51	92	5	450	St	4	-	4	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1024·8	+1	WNW	2	bc-	49	58	9	4000	Cu	2	-	2	*
Malin Head	1026·9	0	WSW	1	bc/f	51	94	6	1500	St Cu	9	-	9	*
Renfrew	1028·1	0	SW	2	co	53	85	5	1500	St	10	-	10	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1027·8	0	SW	3	co-	56	85	6	2500	St Cu	7	-	7	*
Tynemouth	1027·0	0	W	2	bc+	56	65	7	4000	Cu	2	A Cu	4	*
Blacksod Point	1027·1	-1	W	1	f o	52	92	6	450	St	10	-	10	*
Donaghadee	1028·3	0	SSW	1	co-	54	85	8	4000	St Cu	7	A Cu	9	*
Birr Castle	1029·1	*	S	1	co-	54	85	8	2500	Cu Nb	7	-	7	*
Baldonnell	1029·2	-1	W	1	co-	55	76	8	1500	St	10	-	10	*
Holyhead	1029·3	-1	N	2	co	52	85	8	1500	St Cu	10	-	10	*
Liverpool (Bidston)	1029·0	-1	WNW	1	bc	52	75	8	5750	St Cu	2	Ci St	3	*
Manchester (Alex.Pk.)	1028·2	-1	W	2	bc	60	65	5	-	-	-	Ci	1	*
Howden	1027·9	0	-	0	bc	46	92	7	2500	Cu	2	-	2	*
Spurn Head	1028·6	+2	ESE	1	bc	58	75	7	1500	St	2	-	2	*
Nottingham	1028·1	*	SE	1	bc-	63	65	5	4000	Cu	1	Ci Cu	3	*
Cranwell	1028·2	0	E	1	co+	62	72	8	4000	Cu	8	-	8	*
Gorleston	1027·8	+1	NE	2	bc/f	56	85	6	-	-	-	Ci St	3	*
Pulham	1028·5	0	-	0	co+	59	65	7	2500	St Cu	9	-	9	*
Felixstowe	1029·6		ENE	3	bc+	53	75	7	-	-	-	Ci St	1	*
Valencia (Cahirciveen)	1029·2	-3	SSW	2	co	51	85	8	1500	St Cu	10	-	10	*
Roches Point	1029·7	-2	S	1	co	52	92	8	1500	St Cu	10	-	10	*
Pembroke (St.Ann's H.)	1029·3	-1	W	1	bc	53	85	8	5750	St Cu	3	-	3	*
Ross-on-Wye	1027·9	-2	NNE	1	bc	60	65	8	5750	Cu	1	Ci	3	*
Benson	1028·1	-2	NNW	1	bc	61	65	7	-	Cu	2	Ci	3	*
S. Farnborough	1027·6	0	-	0	bc/f	63	55	7	~~1700~~	~~St~~	~~10~~	-	~~10~~	*
London	1027·8	-3	NNE	2	bc/f	60	65	6	-	-	-	Ci	2	*
Croydon	1028·0	-1	WNW	1	bc-	6	66	5	-	-	-	-	-	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1028·6	0	NNE	2	f b-	56	75	5	5750	St Cu	1	-	1	*
Grain	1028·8	0	E	2	bc	59	55	6	-	-	-	Ci	2	*
Lympne	1027·9	0	SE	3	bc+	54	75	6	2500	St	3	-	3	*
Scilly (St. Mary's)	1028·7	-1	NNE	1	co	53	92	8	2500	St Cu	9	-	9	*
Falmouth	1028·6	-1	ESE	1	bc	54	75	7	-	-	-	-	-	*
Plymouth	1028·3	0	-	0	bc	53	75	8	2500	St Cu	5	-	5	*
Portland Bill	1028·3	0	ENE	1	bc-	53	92	7	-	-	-	-	-	*
Calshot	1028·5	-1	SSE	3	bc-	55	88	5	-	-	-	-	-	*
Dungeness	1027·6	+1	SE	2	bc	55	94	5	-	-	-	-	-	*
Jersey	1028·1	0	E	2	f b-	52	85	2	-	-	-	-	-	*

Observations at 1800 G.M.T. 1st Apl

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1020·9	+5	W	4	bc	45	92	4	2500	Cu Nb	5	-	5	3
Stornoway	1023·1	-1	SSW	3	co+	50	85	6	450	St	10	-	10	0
Wick	1023·5	+1	WNW	1	bc	58	94	8	-	-	-	A Cu	4	0
Castlebay	1024·8	-1	SW	3	f f o	49	94	3	450	St	10	-	10	3
Nairn	1023·1	*	W	1	bc	59	*	*	*	*	*	*	*	*
Aberdeen	1024·7	0	ENE	2	bc-	52	85	8	4000	St Cu	6	-	6	0
Malin Head	1025·6	-2	-	0	f f o	50	94	3	450	St	10	-	10	6
Renfrew	1027·1	-2	SSW	3	co-	52	85	5	1500	St Cu	10	-	10	*
Leith	1025·8	*	SW	3	bc	45	*	*	*	*	*	*	*	*
Eskdalemuir	1026·8	-1	-	0	bc-	55	85	7	-	-	-	-	-	*
Tynemouth	1027·9	0	S	3	bc-	56	75	6	-	-	-	-	-	1
Blacksod Point	1026·2	-6	SW	1	co-	50	92	7	-	-	-	A St	5	0
Donaghadee	1026·7	0	S	2	co+	52	85	8	5750	St Cu	10	-	10	0
Birr Castle	1027·2	*	S	1	co+	53	92	7	450	St	10	-	10	*
Baldonnell	1027·3	-1	-	0	co	53	85	6	2500	St Cu	9	-	9	*
Holyhead	1027·8	-2	NW	1	f f o	47	94	2	<150	St	10	-	10	0
Liverpool (Bidston)	1027·6	-1	W	1	bc-	50	85	8	-	-	-	-	-	0
Manchester (Alex.Pk.)	1027·0	0	NW	2	bc	54	85	5	800	St	6	-	6	*
Howden	1027·2	0	ESE	2	bc-	51	85	6	-	-	-	-	-	*
Spurn Head	1028·4	0	SSE	2	bc-	48	92	7	-	-	-	-	-	2
Nottingham	1027·1	*	SE	1	bc	62	65	5	4000	St	1	A Cu	4	*
Cranwell	1027·5	0	E	1	bc-	58	85	8	-	-	-	-	-	*
Gorleston	1027·1	0	NE	2	f f o	49	85	6	-	-	-	-	-	0
Pulham	1028·3	+1	ESE	1	bc-	55	75	7	-	-	-	-	-	*
Felixstowe	1028·8	0	ENE	2	bc	48	92	7	-	-	-	Ci	1	0
Valencia (Cahirciveen)	1027·5	-1	S	3	co	50	85	8	1500	St Cu	10	-	10	0
Roches Point	1028·2	-1	-	0	co	51	92	8	2500	St Cu	10	-	10	0
Pembroke (St.Ann's H.)	1027·5	-1	NE	1	co+	54	75	8	3500	St Cu	10	-	10	1
Ross-on-Wye	1026·4	-1	NE	1	bc	57	75	8	4000	St Cu	2	Ci Cu	3	*
Benson	1026·9	-2	NE	1	bc	60	65	6	-	-	-	-	-	*
S. Farnborough	1027·0	-1	ENE	2	bc	59	75	7	-	-	-	A St	6	*
London	1027·1	0	ESE	3	bc/f	58	65	6	-	-	-	Ci	2	*
Croydon	1027·7	+1	E	3	bc	54	75	7	-	-	-	Ci	3	*
Clacton-on-Sea	1027·8	+1	E	2	bc/f	50	92	6	-	-	-	Ci	3	0
Shoeburyness	1028·2	0	NE	1	f f b	48	85	6	4000	Cu	1	-	1	*
Grain	1028·5	0	E	2	bc	50	85	6	-	-	-	Ci	2	0
Lympne	1027·6	0	ENE	2	bc-	50	85	5	-	-	-	Ci	3	*
Scilly (St. Mary's)	1027·4	0	SE	[illegible]	bc+	52	92	7	4000	Cu	4	-	4	1
Falmouth	1026·7	-1	-	0	f b-	52	85	6	-	-	-	-	-	*
Plymouth	1026·4	0	-	0	bc-	51	85	8	-	-	-	Ci	1	*
Portland Bill	1027·1	-2	ENE	1	bc-	52	92	7	-	-	-	-	-	0
Calshot	1026·8	0	-	0	bc-	55	85	7	—	—	—	Ci	5	0
Dungeness	1027·0	-1	E	2	bc/f	50	94	7	*	*	*	*	2	2
Jersey	1026·0	-1	NNW	2	bc/f	54	75	8	-	-	-	-	-	0

LONDON OBSERVATIONS.

	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 HOURS ENDED 0600 G.M.T. 2nd Apl							YESTERDAY.	TO-DAY.	
Kew	f or m	b or bc	F	*	31	-	7·6	*	*	
Croydon (24 hours ended 0700)	f or m	b or bc	b or bc, F	*	31	TRACE	*	*	*	
Greenwich (Royal Obsy.)	b	b	f	65	42	31	-	9·9	62	94
City (Bunhill Row)	*	*	*	*	*	*		8·1	*	*
Westminster (St. James' Pk.)	*	*	*	*	*	*		6·5	*	*
Botanical Gardens Camden Sq. (Brit. Rainfall)	*	*	*	*	*	*	*	6·8	*	*
Kensington Palace	b	b. bc	*	68	42	35	-	*	55	98
Hampstead Observatory	bc	bc	*	65	42	36	-	*	70 (18h.)	98

ATMOSPHERIC POLLUTION. Lbs. of Solid impurity per million cubic yards.

24 HR. ended 1600 G.M.T. 1st Apl

South Kensington

Max.	Time.	Min.	Time.
4·16	8AM.-9AM	½ 16	1AM-4AM

Kew Observatory

Max.	Time.	Min.	Time.
1½ 16	11PM-12MN	½ 16	3A.M

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..... joules

Average Rate .....Milliwatts.

Maximum Rate .....Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 1st Apl ..... h. ..... m. to 2nd Apl ..... h. ..... m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	9·15	5·58	63
ζ Ursæ Minoris	9·15	5·29	69

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

2nd & 3rd April 1921.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·28	11·54	6·26
	5·26	11·54	6·28
Greenwich	5·36	12·11	6·32
	5·34	12·11	6·34
Wick	5·40	12·16	6·52
	5·38	12·16	6·54
Valencia	6·17	12·45	7·13
	6·15	12·45	7·15

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, *i.e.*, rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; – = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
$r_o r_o$ = continuous light rain.

SEA DISTURBANCE.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

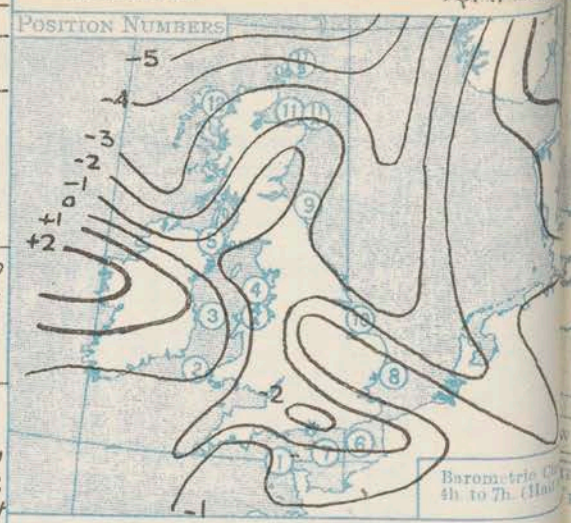
* Information for these columns not usually received. ‡ The barometric change is expressed in half-millibars. § For code see page 3.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. Apl. 1st	13h.-18h. 1st	18h. 1st to 1h. 2nd	1h.-7h. 2nd	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	SUN. Hours.
Lerwick	r or d	b or bc	b or bc	c	49	44	*	1	-	-	*
Stornoway	b or bc	c	b or bc	oo	57	47	*	-	0.4	-	5.8
Wick	c	b or bc	b or bc	c	61	45	*	-	-	-	*
Castlebay	f or m	f or m	form		51	48	*	TRACE	0.1	-	1.2
Nairn	bc. b	b. bc	bc. c		65	44	*	-	-	-	9.6
Aberdeen	b or bc	c	c	c	69	49	39	-	-	-	7.1
Malin Head	F	f or m	oo	oo	51	46	*	TRACE	-	-	0.0
Renfrew	oo	oo	oo	oo	54	47	43	-	-	-	0.0
Leith	o. c. bc	b	bc. bg.	o	61	48	43	-	-	-	*
Eskdalemuir	oo	b or bc	f or m	F	59	43	38	-	0.2	-	6.1
Tynemouth	b or bc	b or bc	b or bc	F	66	43	*	-	-	-	*
Blacksod Point ...	r or d	f or m	oo	c	52	42	*	0.1	-	-	*
Donaghadee	c	c	c	c	60	48	*	-	-	-	*
Birr Castle	c	oo	c	c	54	46	44	0.5	-	-	0.0
Baldonnell	oo	c	oo	oo	56	46	37 ~~44~~	-	-	-	0.2
Holyhead	f or m	oo	f or m	b or bc	53	41	33	-	-	-	0.4
Liverpool (Bidston) ...	b or bc	b or bc	f or m	f or m	55	42	38	-	-	-	11.0
Manchester (Alex.Pk.)	b or bc	b or bc	f or m	f or m	62	35	33	-	-	-	*
Howden	b or bc	b or bc	b or bc	f or m	67	38	29	-	-	-	11.6
Spurn Head	b or bc	b or bc	b or bc	b or bc	?	42	40	-	-	-	*
Nottingham	b or bc	b or bc	f or m	f or m	65	43	34	-	-	-	9.2
Cranwell	b or bc	b or bc	b or bc	b or bc	65	37	31	-	-	-	11.0
Gorleston	f or m	f or m	f or m	b or bc	56	40	38	-	-	-	10.7
Pulham	c	c	F		62			-			
Felixstowe	b or bc	b or bc	f or m	f or m	55	37	35	-	-	-	10.4
Valencia (Cahirciveen)	oo	oo	b or bc	b or bc	52	44	38	-	-	-	0.0
Roches Point	oo	oo	b or bc	b or bc	54	44	*	-	TRACE	-	*
Pembroke (St. Ann's H.)	c	b or bc	b or bc	b or bc	56	43	*	-	-	-	7.2
Ross-on-Wye	b or bc	b or bc	b or bc	b or bc	62	42	34	-	-	-	11.1
Benson...	b or bc	b or bc	b or bc	b or bc	64	34	30	-	-	-	*
S. Farnborough ...	b or bc	b or bc	b or bc	b or bc	66	32	30	-	-	-	7.2
London	f or m	b or bc	F	F	63	39	31	-	-	-	7.6
Croydon	f or m	b or bc	b or bc	F	63	37	31	-	TRACE	-	*
Clacton-on-Sea ...	*	f or m	f or m	f or m	54	42	40	-	-	-	10.0
Shoeburyness	b or bc	b or bc	b or bc	b or bc			32	-	TRACE	-	9.0
Grain	b or bc	b or bc	f or m	f or m	55	34	32	-	TRACE	-	9.9
Lympne	b or bc	b or bc	b or bc	b or bc	57	41	34	-	-	-	11.2
Scilly (St. Mary's) ...	c	b or bc	b or bc	b or bc	57	45	*	-	-	-	4.0
Falmouth	b or bc	f or m	b or bc	b or bc	55	42	35	-	-	-	11.1
Plymouth	b or bc	b or bc	b or bc	b or bc	59	38	33	-	-	-	9.7
Portland Bill	b or bc	b or bc	b or bc	b or bc	57	45	*	-	-	-	*
Calshot	b or bc	b or bc	f or m	f or m	60	42	~~39~~	-	-	-	~~0.0~~ 10.2
Dungeness	f or m	f or m	b or bc	b or bc	55	46	?	-	-	-	0.1
Jersey	f or m	F	f or m	f or m	59	46	?	-	-	-	10.3

ISALLOBARS. April 2nd



Temperature reported from Cross Channel and Coastal St

Position Number	5	3	2	4
Date	1st	1st	2nd	2nd
Time G.M.T.	0814	1000	0210	0213
Sea ° F	46	47	49	49
Air ° F	50	50	48	50

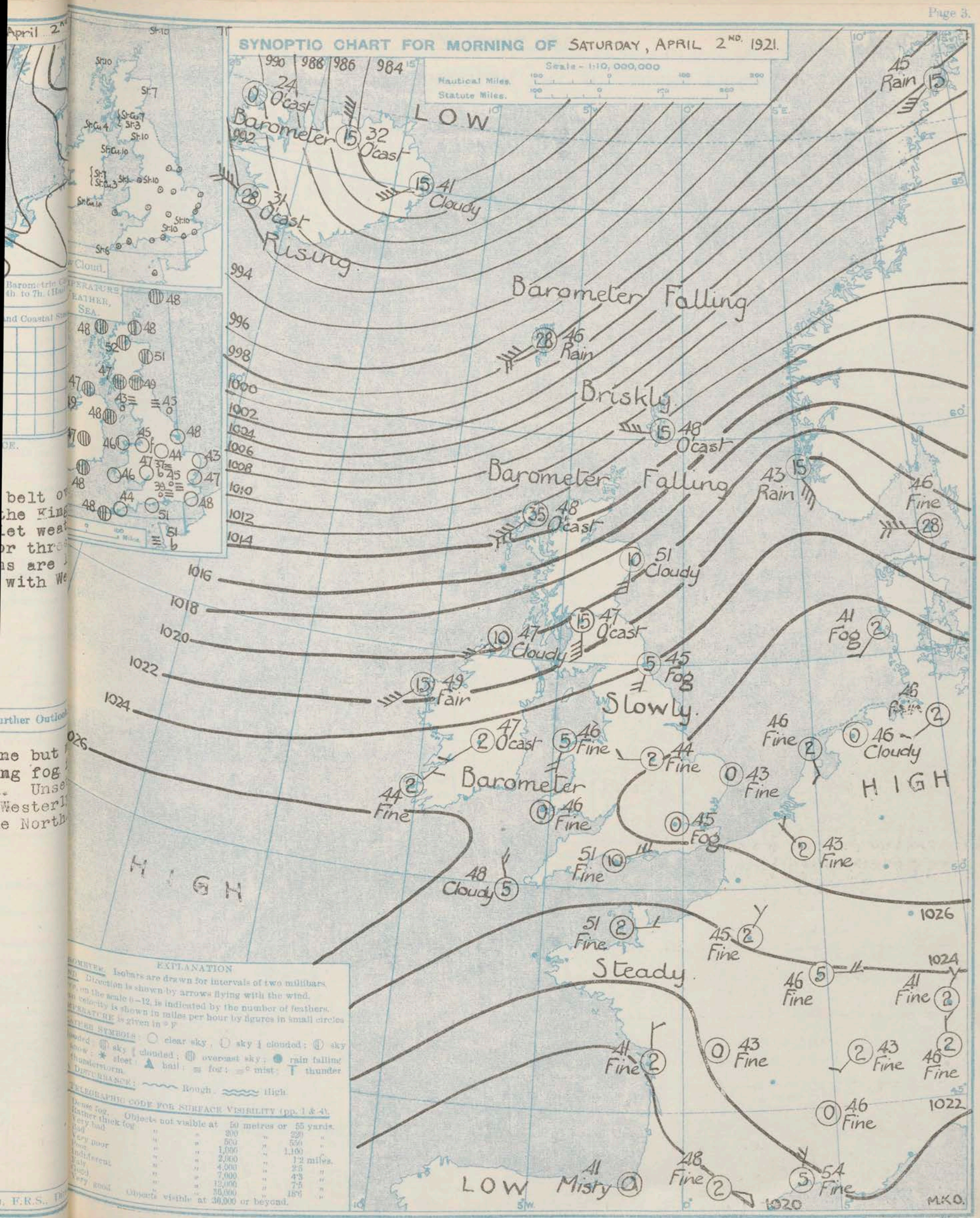
GENERAL INFERENCE.

The anticyclonic belt o
the Southern half of the Kin
will maintain fine quiet weat
in that area for two or thre
In the North conditions are
to continue unsettled with We
winds.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Saturday, 2nd April 1921.	Further Outlook
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Light variable breezes; fine; much morning fog, day visibility fair; mild during day cool at night.	Fine but morning fog South. Unse with Westerl in the North
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind South-West to West light; fair generally; morning mist or fog, day visibility fair; mild during day, cool at night.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Wind South-West to West moderate or fresh; cloudy or dull, local showers, improving later; visibility fair; mild.	
14. N.& N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind South-West to West fresh or strong; cloudy to dull, some rain or showers then improving; visibility fair; mild.	
17. N.W. Ireland 18. N.E. Ireland	Wind South-West to West light or moderate; fair but local showers; visibility fair; mild.	
19. S.E. Ireland 20. S.W. Ireland	Light variable winds; fair or cloudy; visibility fair; mild.	

E413

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.00 G. C. SIMPSON, F.R.S., Dir



EXPLANATION

BAROMETER. Isobars are drawn for intervals of two millibars.

WIND. Direction is shown by arrows flying with the wind. Its velocity, on the scale 0–12, is indicated by the number of feathers.

TEMPERATURE is given in ° F.

WEATHER SYMBOLS: ○ clear sky; ◐ sky ¼ clouded; ◑ sky ½ clouded; ◒ sky ¾ clouded; ◍ overcast sky; ● rain falling; ✱ sleet; ▲ hail; ≡ fog; ≡° mist; T thunder; ⚡ thunderstorm.

DISTURBANCE: ~~~ Rough; ≈≈≈ High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (pp. 1 & 4).

0	Dense fog. Objects not visible at	50	metres or	55	yards.
1	Very thick fog	"	"	"	"
2	Thick	"	"	"	"
3	Very poor	"	"	"	"
4	Poor	"	"	"	"
5	Indifferent	"	"	"	"
6	Fair	"	"	"	"
7	Good	"	"	"	"
8	Very good	"	"	"	"
9	Objects visible at 30,000 or beyond.				

M.O. Form 2270

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4. BRITISH SECTION...SATURDAY, 2nd APRIL.....1921. No. 92

Observations at 0100 G.M.T. 2nd

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1018·4	-5	SW	3	co+	49	85	3	4000	Nb	7	-	7	
Stornoway	1020·4	-3	SW	5	co-	*	*	5	*	*	*	*	*	
Wick	1018·6	-4	SSW	3	bc-	49	92	8	-	-	-	-	-	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1021·6	-4	SSW	2	co/f	50	92	8	450	Sr	10	-	10	
Renfrew	1023·9	-4	S	2	co	49	97	7	2500	Sr Cu	10	-	0	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1025·2	-2	-	0	fo+	46	97	2	-	Sr	10	-	-	*
Tynemouth	1025·6	-2	WSW	2	bc	51	92	6	-	-	-	-	-	
Blacksod Point ...	1021·8	-4	SW	3	co	48	97	4	2500	Sr	10	-	10	
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1025·2	-2	NW	1	co	50	85	5	4000	Sr Cu	10	-	10	*
Holyhead	1026·0	-1	SSW	3	bc/f	?	?	8	-	-	-	-	-	
Liverpool (Bidston)...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	1026·9	-1	SE	1	bc-	42	97	7	-	-	-	-	-	*
Spurn Head	1027·1	-1	S	2	bc-	46	85	8	-	-	-	-	-	
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1027·1	-1	SW	1	bc	41	97	8	-	-	-	-	-	*
Gorleston	1027·5	-1	-	0	bc/f	45	97	7	-	-	-	-	-	
Pulham	1027·8	-2	-	0	fb-	37	97	1	-	-	-	-	-	*
Felixstowe	1027·6	-2	NE	2	fb-	40	97	4	-	-	-	-	-	
Valencia (Cahirciveen)	1025·5	-1	SE	2	co	45	*	*	*	*	*	*	*	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1026·4	-1	NE	1	co	49	92	7	-	Sr	10	-	10	
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London	1027·2	-1	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1028·6	-1	-	0	bc-	40	97	4	-	-	-	-	-	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1026·2	-2	ENE	2	bc-	47	92	8	-	-	-	-	-	*
Scilly (St. Mary's) ...	1025·6	-1	-	0	bc-	46	97	8	-	-	-	-	-	
Falmouth	1025·9	2	NE	2	bc	45	97	8	-	-	-	-	-	
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1027·1	0	ENE	2	bc	51	92	8	-	-	-	-	-	
Calshot	1026·7	-1	-	0	ff b	46	97	4	-	-	-	-	-	
Dungeness	1026·5	-1	E	1	bc	48	97	6	-	-	-	-	-	
Jersey (Guernsey Ih.)	1026·0	-1	NNE	1	ff b	48	92	6	-	-	-	-	-	

Observations at 0700 G.M.T. 2nd

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	1012·5	-5	W	4	co+	48	92	4	-	Sr	10	-	10
Stornoway	1018·1	-3	SW	7	co	48	85	6	450	Sr	10	-	10
Wick	1013·5	-4	SW	2	co	48	92	8	450	Sr	10	-	10
Castlebay	1016·7	-1	SW	5	bro	49	85	5	800	Nb	10	-	10
Nairn	1015·1	*	W	4	cog	52	*	*	*	*	*	*	*
Aberdeen	1019·0	-1	SSW	3	co	51	85	7	800	Sr	7	-	7
Malin Head	1019·6	-2	SW	3	co-	47	85	8	4000	Sr Cu	4	A Sr	6
Renfrew	1021·2	-1	SSW	4	co	47	85	6	1500	Sr Cu	10	-	10
Leith	1020·6	-1	SW	3	n	49	*	*	*	*	*	*	*
Eskdalemuir	1023·1	-1	SW	4	fo-	43	97	4	800	Sr	10	-	10
Tynemouth	1023·6	-2	SSW	2	fo+	45	92	2	-	-	-	Cu Sr	10
Blacksod Point ...	1020·7	-2	SW	4	bc-	49	85	7	-	-	-	A Sr	3
Donaghadee	1023·1	-1	WSW	1	co	48	92	8	-	Sr Cu	10	-	10
Birr Castle	1024·2	*	SW	1	co-	47	92	7	-	-	-	A Sr	9
Baldonnell	1024·9	-1	WSW	3	co-	47	85	8	1500	Sr	10	-	10
Holyhead	1025·0	0	SSW	2	bc+	46	97	7	225	Sr	1	A Sr	2
Liverpool (Bidston)...	1029·7	-1	S	1	fb-	45	92	3	-	-	-	-	-
Manchester (Alex.Pk.)	1025·2	0	NW	1	ff o	41	92	0	< 150	Sr	10	-	10
Howden	1025·0	-1	SSE	2	fb-	43	97	5	-	-	-	-	-
Spurn Head	1025·4	-2	SSE	3	bc	48	85	6	-	-	-	-	-
Nottingham	1025·9	*	W	1	bc/f	44	97	3	-	-	-	-	-
Cranwell	1026·1	0	S	1	fb+	42	97	3	-	-	-	-	-
Gorleston	1026·9	0	-	0	bc-	43	92	6	-	-	-	-	-
Pulham													
Felixstowe	1026·9	0	NNE	1	fb-	43	97	4	-	-	-	-	-
Valencia (Cahirciveen)	1025·3	0	NE	1	bc+	44	97	8	800	Sr	1	A Sr	2
Roches Point	1025·8	0	SW	1	co	48	92	8	1500	Sr Cu	10	-	10
Pembroke (St. Ann's H.)	1025·8	0	-	0	bc-	46	92	7	-	-	-	-	-
Ross-on-Wye	1025·8	0	SSW	1	bc+	47	92	5	-	-	-	-	-
Benson...	1026·5	0	-	0	fb	37	97	2	-	-	-	-	-
S. Farnborough ...	1026·4	0	-	0	ff o	39	97	1	225	Sr	10	-	10
London	1026·4	0	-	0	fo-	45	97	0	< 150	Sr	10	-	10
Croydon	1027·1	0	-	0	ff b	38	97	1	-	-	-	-	-
Clacton-on-Sea ...	1026·1	-1	E	3	bc/f	47	97	5	-	-	-	-	-
Shoeburyness	1026·4	0	-	0	ff b	43	92	7	-	-	-	-	-
Grain	1026·8	0	-	0	fo+	45	97	1	450	Sr	10	-	10
Lympne	1025·7	0	E	1	bc	43	97	7	-	-	-	Cu Sr	4
Scilly (St. Mary's) ...	1024·9	-1	NNW	2	co+	48	97	6	800	Sr	6	-	6
Falmouth	1025·0	0	NE	1	bc	44	97	7	-	-	-	-	-
Plymouth	1025·0	0	-	0	if b	40	97	5	-	-	-	-	-
Portland Bill	1024·4	-3	ENE	3	bc	51	92	8	-	-	-	-	-
Calshot	1025·6	-1	NNW	1	ff b	44	97	3	-	-	-	-	-
Dungeness	1025·2	0	E	1	bc	48	97	5	-	-	-	-	-
Jersey (Guernsey Ih.)	1023·8	0	E	1	fb-	51	85	6	-	-	-	-	-

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 1st April

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 31st-1st mm.	Rainfall.† Day 9h.-18h. 1st mm.	Sunshine. Sunrise to 17h. 1st hr.	Sunshine. Sunrise to Sunset. hr.
Banff	bc. b	b	61	30	-	-	9·6	
Montrose	b	bc. c	69	49	-	-	8·8	
Llandudno	b	b	55	44	-	-	11·0	
Colwyn Bay ...	*	*	55	44	-	-	10·5	
Rhyl...	bc. b	b. bc	53	42	-	-	10·5	
Southport	bc. c. bc	bc. c. b	55	44	-	-	8·2	
Blackpool	c	bc	56	44	-	-	7·3	
Harrogate	b	b	68	48	-	-	?11·7	
Skegness	b	b	56	40	-	-	10·0	
Aberystwyth ...	c. b	b bc	52	42	-	-	9·0	
Bath	b	b	64	39	-	-	8·6	
Leamington Spa ...	b	b	60	36	-	-	5·5	
Lowestoft	b	b. bc. b	53	39	-	-	10·9	
Felixstowe	bm	bm	54	40	-	-	10·4	
Southend	b	b	58	42	-	-	9·7	
Ilfracombe ...	bc. b. bc	bc b	54	41	-	-	9·0	
Bude	b	b	58	37	-	-	9·3	
Penzance	c. bc	bc. b	59	45	-	-	7·0	
Torquay	bz	bz	59	43	-	-	10·8	
Weymouth	b	b	62	43	-	-	11·0	
Bournemouth ...	b	b	60	40	-	-	11·0	
Portsmouth (S'thsea)	*	*	60	39	-	-	9·2	
Worthing	b	b. bc	59	42	-	-	10·5	
Brighton	bc. b	b	57	43	-	-	8·6	
Eastbourne ...	b	b. bc	55	41	-	-	10·0	
Hastings	b	b	57	45	-	-	11·1	
Folkestone	b	b	57	44	-	-	9·8	
Tunbridge Wells ...	b	b	63	37	-	-	10·0	
Ramsgate	bc	*	54	41	-	-	10·3	
Margate	b	b	52	45	-	-	9·7	

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.21682. SUNDAY, 3RD APRIL 1921.

Observations at 1300 G.M.T. 2nd

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1010.4	+2	WSW	5	bc	50	92	7	5750	Cu	3	-	3	*
Stornoway	1016.1	+4	W	5	co+	52	65	7	4000	Cu	6	-	6	*
Wick	1016.4	+2	SW	4	co/r	53	65	9	4000	Cu	6	-	6	*
Castlebay	1019.4	+2	W	4	bc/f	50	92	5	800	St.	2	-	2	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1017.6	-1	WSW	4	bc	61	55	8	4000	Cu	3	-	3	*
Malin Head	1021.0	+2	WSW	3	bc-	50	85	7	-	-	-	Ci.Cu	4	*
Renfrew	1021.5	+1	SW	4	od-	49	92	6	1500	Nb	10/10	-	10	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1021.8	-1	WSW	4	co-	50	75	6	2500	St.Cu	9	-	9	*
Tynemouth	1021.5	+1	NW	2	bc+	60	65	7	7250	-	-	A.Cu	5	*
Blacksod Point	1022.7	+3	W	2	co-	52	75	8	4000	Cu.Nb	7	-	-	*
Donaghadee	1022.6	0	W	1	Co	54	75	8	5750	St.Cu	9	-	9	*
Birr Castle	1024.3	*	W	1	Co	53	85	7	4000	Cu	8	-	8	*
Baldonnell	1024.2	-1	WSW	3	co-	53	75	8	2500	St.Cu	7	-	8	*
Holyhead	1024.6	-1	SW	2	co	51	75	8	2500	St.Cu	10	-	10	*
Liverpool (Bidston)	1024.0	-1	WNW	1	co	51	75	7	4000	Cu	4	-	7	*
Manchester (Alex.Pk.)	1023.7	-3	NW	3	bc	59	75	5	-	-	-	-	-	*
Howden	1022.5	-3	SSW	1	bc-	63	65	5	-	-	-	-	-	*
Spurn Head	1023.7	-2	SSE	2	bc	54	75	7	-	-	-	-	-	*
Nottingham	1023.0	*	W	2	bc+	65	65	4	4000	Cu	2	-	2	*
Crawwell	1023.2	-3	SSW	1	bc+	66	55	7	-	-	-	Ci.St	4	*
Gorleston	1023.9	-1	S	2	fb-	52	85	5	-	-	-	-	-	*
Pulham	1023.8	-4	-	0	co+	65	55	7	2500	Cu	6	-	6	*
Felixstowe	1024.6	-3	ESE	1	bc	54	75	6	-	-	-	-	-	*
Valencia (Cahirciveen)	1025.5	0	WSW	2	bc	52	85	8	1500	St.Cu	6	-	6	*
Roches Point	1025.6	0	SSW	1	co	51	85	8	1500	St.Cu	10	-	10	*
Pembroke (St.Ann's H.)	1024.6	-1	WNW	1	bc	54	85	8	-	-	-	-	-	*
Ross-on-Wye	1022.9	-3	E	2	bc	64	65	6	4000	Cu	2	-	2	*
Benson	1023.2	-2	-	0	bc+	66	65	6	-	Cu	5	-	5	*
S. Farnborough	1023.4	-4	ENE	1	bc-	65	55	7	2000	Cu	2	-	3	*
London	1023.6	-5	-	0	ff0	55	75	3	225	St.	10	-	10	*
Croydon	1023.7	-3	NE	2	bc+	63	55	6	2500	Cu	4	-	4	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1023.8	-2	E	1	fb-	59	75	5	-	-	-	-	-	*
Grain	1024.1	-3	-	0	bc	54	85	6	-	-	-	-	-	*
Lympne	1023.1	-3	SE	1	bc	61	65	7	2500	Cu	3	Ci	4	*
Scilly (St. Mary's)	1025.0	0	NNE	2	co	51	92	6	800	St.	10	-	10	*
Falmouth	1023.9	-2	SE	1	bc	56	75	6	-	St.Cu	1	-	1	*
Plymouth	1023.3	-1	SW	2	ff b	57	85	7	4000	Cu	1	-	1	*
Portland Bill	1023.1	-2	-	0	bc	53	85	7	-	-	-	-	-	*
Calshot	1023.6	-1	SE	1	ff b	57	85	6	1500	Cu	1	-	1	*
Dungeness	1023.1	-2	E	2	bc	55	97	5	-	-	-	-	-	*
Jersey	1022.3	-1	E	3	bc/f	61	65	8	-	-	-	-	-	*

Observations at 1800 G.M.T. 2nd

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1012.3	+1	W	3	bc	47	97	6	5750	Cu.Nb	5	-	5	1
Stornoway	1015.1	-1	WSW	5	co	48	65	8	5750	Cu.Nb	6	-	6	5
Wick	1015.6	0	W	2	bc ⊕	49	75	8	5750	Cu	2	Ci.St	4	0
Castlebay	1018.1	-1	SW	4	co/f	48	85	6	1500	St.	7	-	7	5
Nairn	1016.2	*	W	2	bc	50	*	*	*	*	*	*	*	*
Aberdeen	1017.8	0	SSW	2	co-	55	65	7	4000	St.Cu	7	-	7	0
Malin Head	1019.7	-2	W	2	co	49	85	7	<150	St.	10	-	10	0
Renfrew	1020.6	0	W	3	co	51	65	8	4000	Cu	1	Ci.St	7	*
Leith	1019.6	*	W	2	bc	52	*	*	*	*	*	*	*	*
Eskdalemuir	1021.3	0	WSW	3	co	48	85	6	2500	St.	10	-	10	*
Tynemouth	1021.6	0	W	2	bc	54	65	7	-	-	-	A.Cu	3	0
Blacksod Point	1021.4	-2	SW	1	bc	51	75	8	4000	Cu	3	-	3	1
Donaghadee	1021.1	-1	W	2	co-	53	75	8	5750	St.Cu	4	A.Cu	7	0
Birr Castle	1023.1	*	W	1	co-	53	85	8	2500	St.Cu	7	-	7	*
Baldonnell	1022.6	-3	SW	1	co+	54	75	8	4000	St.Cu	9	-	9	5
Holyhead	1023.3	-1	SSW	2	bc-	51	75	8	4000	St.Cu	1	A.St	2	0
Liverpool (Bidston)	1023.0	-1	WNW	1	co v	48	85	9	5750	Cu	10	-	10	*
Manchester (Alex.Pk.)	1023.1	0	WNW	1	co	52	75	5	4000	St.Cu	1	Ci	6	*
Howden	1022.4	+2	N	1	bc-	53	85	6	2500	St.	4	-	4	*
Spurn Head	1020.9	-1	S	1	bc	53	85	7	4000	Cu	1	-	1	0
Nottingham	1021.5	*	N	2	fo	60	75	3	4000	St.	1	Ci.St	10	*
Crawwell	1022.0	0	WSW	1	co	62	65	7	5750	Cu	6	Ci.St	7	*
Gorleston	1023.6	-1	SSW	2	ff b	48	92	6	-	-	-	-	-	0
Pulham	1022.8	-1	SSE	2	bc-	56	75	7	-	-	-	-	-	*
Felixstowe	1022.4	-2	E	1	bc	50	92	6	-	-	-	Ci	1	0
Valencia (Cahirciveen)	1023.9	0	WSW	1	bc ⊕	50	85	8	1500	Cu	2	Ci.Cu	5	0
Roches Point	1024.2	-1	SW	1	bc-	52	92	8	2500	St.Cu	3	-	3	0
Pembroke (St.Ann's H.)	1022.6	-1	NNW	3	bc	51	75	9	-	-	-	Ci	1	0
Ross-on-Wye	1021.3	-1	NW	2	co+	61	65	6	4000	St.Cu	5	-	6	*
Benson	1021.2	-1	ESE	1	bc	63	65	4	-	Cu	5	-	5	*
S. Farnborough	1021.2	-1	ENE	2	co+	60	75	5	2500	St.Cu	6	A.St	9	*
London	1021.4	-1	E	1	f b	57	65	3	4000	St.Cu	3	-	3	*
Croydon	1021.6	-1	E	1	bc+	59	75	7	-	-	-	Ci	1	*
Clacton-on-Sea	1022.2	-2	ENE	2	bc	52	92	5	-	-	-	Ci.St	2	0
Shoeburyness	1021.8	-1	E	1	ff b	51	85	6	-	-	-	Ci	1	*
Grain	1022.1	-1	E	3	bc	53	85	6	-	-	-	Ci	1	0
Lympne	1021.8	-2	ENE	3	bc	54	75	8	-	-	-	Ci.St	1	*
Scilly (St. Mary's)	1023.7	-2	NNE	3	co	50	92	6	800	St.	10	-	10	1
Falmouth	1022.4	-2	NNW	3	f b-	50	92	6	-	St.Cu	4	Ci	5	*
Plymouth	1022.1	0	-	0	co+	53	92	6	1500	St.Cu	6	A.Cu	10	*
Portland Bill	1021.5	-2	-	0	bc	52	85	5	-	-	-	-	-	0
Calshot	1021.9	0	-	0	ff b	55	75	7	-	-	-	-	-	*
Dungeness	1021.3	-1	ENE	3	bc	51	92	6	-	-	-	-	-	2
Jersey	1020.8	-1	NNE	2	bc	61	65	8	-	-	-	-	-	0

LONDON OBSERVATIONS

	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 HOURS ENDED 0900 G.M.T. 3rd							YESTERDAY.		TO-DAY.
Kew } 24 hours ended 0700 Croydon }	f or m	b or bc	F	*	*	32	-	3.6	*	*
	F	b or bc	f or m	*	*	36	-	*	*	*
Greenwich (Royal Obsy.)	bc b	b	bm	66	39	30	-	7.1	55	83
City (Bunhill Row)	*	*	*	*	*	*	*	6.6	*	*
Westminster (St. James' Pk.)	*	*	*							
Camden Sq. (Brit. Rainfall)	bm b.	b	*	68	40	35	-	*	63	77
Kensington Palace	cf	b. bc	*	67	42	34	-	*	63 (18h.)	96
Hampstead Observatory	*	*	*	62	44	*	-	4.5	*	83

ATMOSPHERIC POLLUTION. Lbs. of Solid impurity per million cubic yards.

24 HR. ended 1600 G.M.T. 2nd

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..... joules

Average Rate ..... Milliwatts.

Maximum Rate ..... Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 2nd ..... h. ..... m. to 3rd ..... h. ..... m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris			
ζ Ursae Minoris			

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

3rd & 4 April 1921.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.26	11.57	6.28
	5.24	11.56	6.29
Greenwich	5.34	12.4	6.34
	5.32	12.3	6.35
Wick	5.38	12.16	6.54
	5.35	12.15	6.56
Valencia	6.15	12.45	7.15
	6.13	12.44	7.16

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, *i.e.*, rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
r_0r_0 = continuous light rain.

SEA DISTURBANCE.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

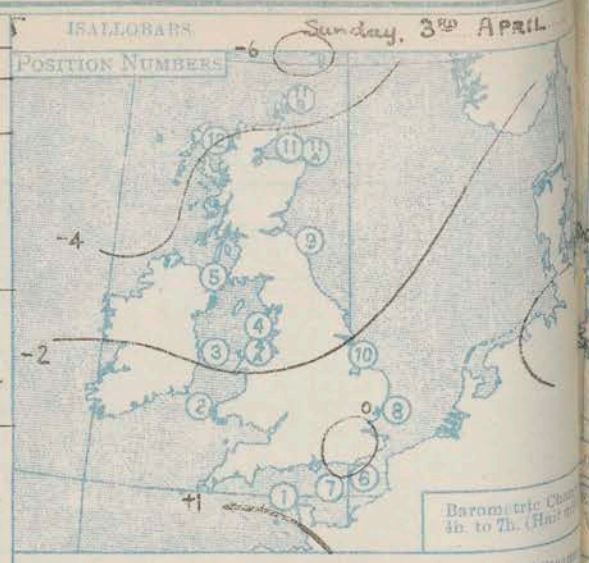
Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-32·5
12	Above 75	33·6 or above

* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	Weather. 7h.-13h. 2nd	Weather. 13h.-18h. 2nd	Weather. 18h. 2nd to 1h. 3rd	Weather. 1h.-7h. 3rd	Temperature. MAX. Day. 7h.-18h.	Temperature. MIN. Night. 18h.-7h.	Temperature. MIN. on GRASS.	Rainfall.† Day. 7h.-18h.	Rainfall.† Night. 18h.-7h.	Rainfall.† Precipitation began.	Sun. Hours.
Lerwick	b or bc	b or bc	c	b or bc	51	43	*	–	–	–	*
Stornoway	c	c	c	oo	52	46	*	–	Trace	6.30	4.5
Wick	p	b or bc	b or bc	b or bc	55	41	*	0.2	–	11.00	*
Castlebay	p	b or bc	oo		50	47	*	0.3	–	–	8.4
Nairn	cbcq	bc	bc×q		57	43	*	–	–	*	8.3
Aberdeen	b or bc	c	b or bc		61	39	30	–	–	–	4.3
Malin Head	c	b or bc	b or bc	oo	51	44	*	–	–	–	8.2
Renfrew	r or d	c	b or bc	oo	55	39	28	trace	–	12.30	4.6
Leith	oc bc	c oc bc	bc. b.u.c.		56	42	33	–	–	*	*
Eskdalemuir	F	oo	oo	c	50	40	39	0.1	–	–	0.4
Tynemouth	b or bc	b or bc	b or bc	f or m	60	39	*	–	–	–	*
Blacksod Point ...	b or bc	oo	r or d	c	52	46	*	–	–	–	*
Donaghadee	c	b or bc	c		56	39	*	–	–	–	*
Birr Castle	c	c	c		55	40	34	–	–	–	2.4
Baldonnell	c	c	b or bc	b or bc	55	41	36	–	–	–	1.2
Holyhead	c	b or bc	b or bc	b or bc	56	43	35	–	–	–	6.5
Liverpool (Bidston) ...	c	c	b or bc		52	42	31	–	–	–	2.8
Manchester (Alex.Pk.)	b or bc	b or bc	f or m		59	35	30	–	–	–	*
Howden	b or bc	f or m	b or bc	c	66	33	30	–	–	–	5.2
Spurn Head	b or bc	b or bc	b or bc	f or m	62	43	*	–	–	–	*
Nottingham	b or bc	c	f or m		68	37	35	–	–	–	8.5
Cranwell	b or bc	b or bc	b or bc	b or bc	67	38	35	–	–	–	10.4
Gorleston	f or m	f or m	b or bc	f or m	53	35	33	–	–	–	11.5
Pulham	b or bc	b or bc	b or bc	F	66	34	29	–	–	–	9.2
Felixstowe	b or bc	b or bc	f or m	f or m	57	38	32	–	–	–	10.8
Valencia (Cahirciveen)	b or bc	b or bc	b or bc	oo	54	46	40	–	–	–	5.6
Roches Point	oo	b or bc	oo		55	44	*	–	–	–	*
Pembroke (St.Ann's H.)	b or bc	b or bc	b or bc	b or bc	56	43	*	–	–	–	10.8
Ross-on-Wye	b or bc	b or bc	b or bc		66	37	33	–	–	–	10.0
Benson...	b or bc	b or bc	f or m		66	39	33	–	–	–	*
S. Farnborough ...	f or m	c	b or bc		68	36	32	–	–	–	5.0
London	f or m	b or bc	F		63	39	32	–	–	–	3.6
Croydon	F	b or bc	f or m	f or m	65	41	36	–	–	–	*
Clacton-on-Sea ...	b or bc		f or m		55	41	38	–	–	–	10.7
Shoeburyness	F	b or bc	F		60	37	32	trace	Trace	–	9.2
Grain	F	b or bc	F		56	36	30	–	Trace	–	7.6
Lympne	b or bc	b or bc	b or bc	b or bc	62	40	36	–	–	–	10.6
Scilly (St. Mary's) ...	oo	oo	b or bc	c	52	45	*	–	–	–	0.4
Falmouth	b or bc	f or m	b or bc	c	60	45	44	–	–	–	9.7
Plymouth	b or bc	c	b or bc		57	40	32	–	Trace	–	9.0
Portland Bill	b or bc	b or bc	b or bc	b or bc	56	45	*	–	–	–	*
Calshot	f or m	f or m	f or m	f or m	60	41	*	–	–	–	10.1
Dungeness	b or bc	b or bc	b or bc	b or bc	57	41	*	–	–	–	*
Jersey	f or m	b or bc	b or bc		65	45	*	–	–	–	10.0



Temperature reported from Cross Channel and Coastal Steamers

Position Number	12	5	3	6	1	7	2	4A	8	3
Date	2nd	2nd	2nd	2nd	2nd	3rd	3rd	3rd	3rd	3rd
Time G.M.T.	0445	0612	1005	1340	1415	0208	0223	0445	0905	1005
Sea °F	46	46	48	50	51	48	47	48	46	47
Air °F	50	49	49	56	52	52	49	45	48	50

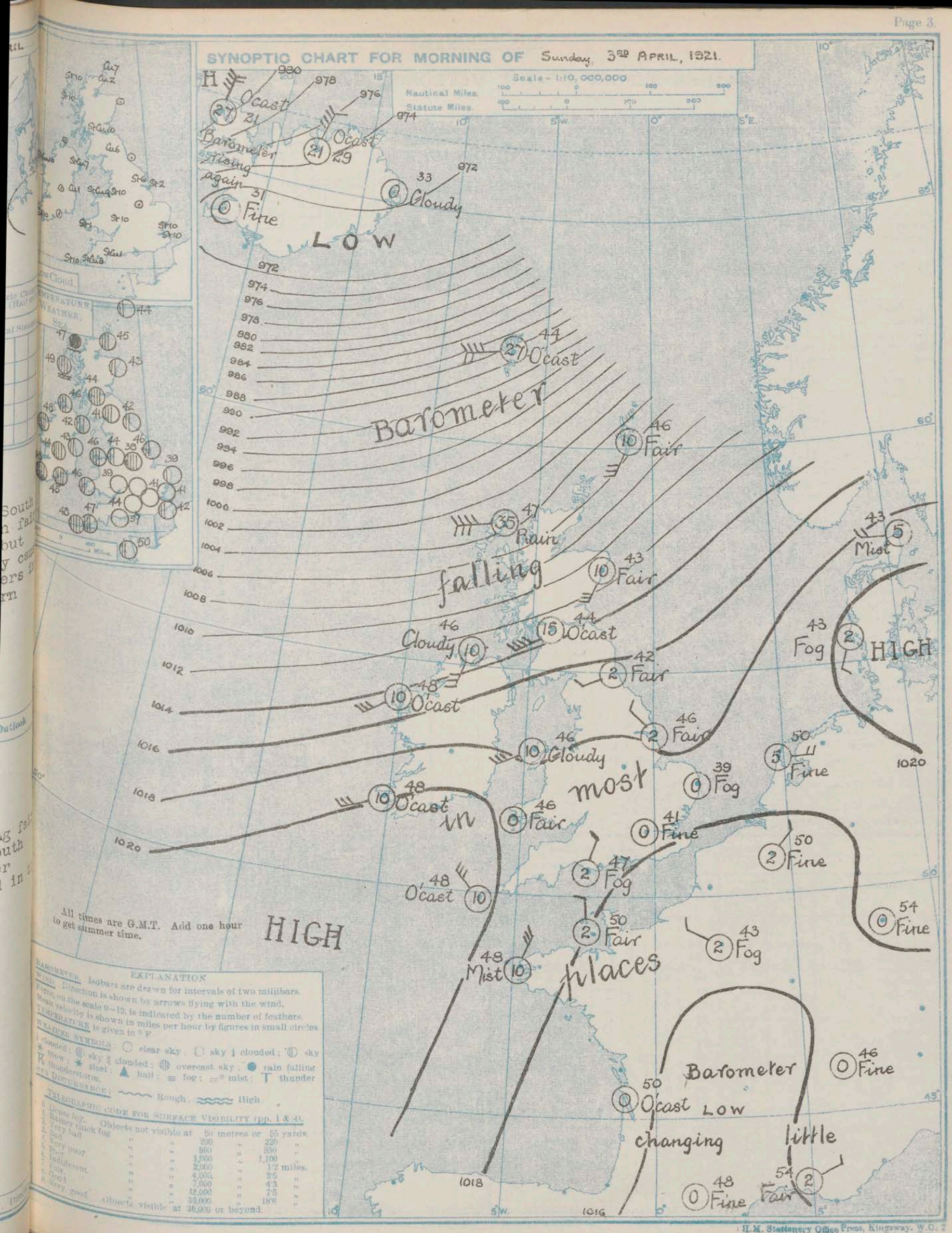
GENERAL INFERENCE.

The high pressure in the South will continue to maintain fair weather in that region, but secondary depressions may cause much cloud and some showers in many parts of the northern districts.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 3rd April, 1921.	Further Outlook
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Wind light variable, fair or fine generally, local mist or fog early morning. Visibility otherwise fair. Warm in daytime, rather cold at night.	Continuing fair in the South and rather unsettled in the North.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind West or South-West, light or moderate; cloudy or variable sky. Visibiluty fair. Moderate temperature.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N.&N.W.Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland	Wind South-West or West, moderate, fresh or strong locally; much cloud generally, some showers - mostly in the West. Visibility fair. Moderate temperature.	
19. S.E. Ireland 20. S.W. Ireland	Same as 7 - 10.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 16.00

G. C. SIMPSON, F.R.S., Director.



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AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION.....Sunday 3rd APRIL.....1921. No. 93.....

Observations at 0100 G.M.T. 3rd

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1015.5	-6	SSW	2	bc-	46	97	6	-	-	-	-	-	*
Stornoway	1012.1	-4	SW	5	co	*	*	5	*	*	*	*	*	*
Wick	1011.0	-6	SSW	3	bc-	43	92	8	-	-	-	-	-	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1015.8	-6	SSW	3	co+	45	92	7	-	-	-	A.St.	8	*
Renfrew	1017.8	-4	-	0	bc-	40	97	5	-	-	-	-	-	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1018.2	-4	SW	3	co	44	97	5	2500	St	10	-	10	*
Tynemouth	1019.2	-2	W	2	fb-	43	85	4	-	-	-	-	-	*
Blacksod Point ...	1015.9	-4	SW	3	co+	47	92	1	800	St	10	-	10	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1020.7	-1	-	0	bc-	46	85	8	4000	St.Cu	3	-	3	*
Holyhead	1019.6	-2	SW	4	bc	*	*	8	-	-	-	-	-	*
Liverpool (Bidston)...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	1020.7	-4	-	0	bc-	37	97	5	-	-	-	-	-	*
Spurn Head	1020.1	0	NNW	3	bc	47	85	7	-	-	-	-	-	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1021.0	-1	NNW	1	bc	44	97	6	-	-	-	-	-	*
Gorleston	1021.5	-1	SW	1	bc-	45	97	7	-	-	-	-	-	*
Pulham	1020.5	-3	-	0	ffb	39	97	1	-	-	-	-	-	*
Felixstowe	1020.7	-3	NNE	1	fo+	42	97	4	-	-	-	-	-	*
Valencia (Cahirciveen)	1021.9	0	SW	2	bc	48	*	*	*	*	*	*	*	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St.Ann's H.)	1021.7	-1	NW	1	bc	46	97	8	-	-	-	-	-	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London	1020.0	-1	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1021.0	-3	-	0	bc	44	97	5	-	-	-	-	-	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1019.5	-5	ENE	2	bc	49	97	8	-	-	-	-	-	*
Scilly (St. Mary's) ...	1022.3	-1	NNE	2	bc	47	97	8	-	-	-	-	-	*
Falmouth	1020.9	-2	NNW	3	bc	46	97	8	-	-	-	-	-	*
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1021.5	0	E	2	bc	52	85	7	-	-	-	-	-	*
Calshot	1020.4	-2	-	0	fb+	46	92	4	-	-	-	-	-	*
Dungeness	1019.1	-3	ENE	2	bc	47	97	6	-	-	-	-	-	*
Jersey (Guernsey Ih.)	1021.7	-1	NE	1	fb-	48	92	5	-	-	-	-	-	*

Observations at 0700 G.M.T. 3rd

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	1005.7	-6	SSW	3	bc	46	97	7	5750	Cu	7	Ci.Cu	9
Stornoway	1003.5	-4	WSW	7	r₀+	47	85	5	450	St	10	-	10
Wick	1006.0	-4	SSW	4	co+	45	85	8	4000	Cu	2	Ci.St	8
Castlebay	1007.8	-5	SW	5	ffo	49	97	5	800	St	10	-	10
Nairn	1007.2	*	WSW	4	bcq	46	*	*	*	*	*	*	*
Aberdeen	1011.2	-2	SSW	3	bc	43	85	8	-	-	-	Ci	1
Malin Head	1011.7	-5	SSW	3	co-	46	92	8	-	-	-	A.Cu	9
Renfrew	1014.3	-4	SW	4	co	44	85	7	2500	St.Cu	10	-	10
Leith	1013.0	-2	SW	3	c	45	*	*	*	*	*	*	*
Eskdalemuir	1015.1	-3	WSW	4	co	41	92	7	2500	Cu	6	Ci	7
Tynemouth	1016.4	-2	WSW	1	bc+	42	85	5	-	-	-	A.Cu	3
Blacksod Point ...	1014.1	-3	SW	3	co	48	85	7	4000	St.Cu	10	-	10
Donaghadee	1016.5	-2	SW	1	co-	42	85	8	4000	St.Cu	7	-	7
Birr Castle	1018.7	*	W	1	co+	44	92	6	2500	-	-	A.St	9
Baldonnell	1017.8	-2	SSW	2	bc+	43	85	8	1500	Cu	1	A.St	4
Holyhead	1017.8	-2	WSW	3	bc+	46	92	8	2500	St.Cu	9	-	9
Liverpool (Bidston)...	1017.8	-2	-	0	bc+	44	85	5	-	-	-	A.St	2
Manchester (Alex.Pk.)	1018.4	-2	SE	1	ffb	38	97	2	<150	St	10	-	10
Howden	1018.1	0	-	0	co+	39	97	4	2500	St	6	A.St	9
Spurn Head	1017.7	-2	NNW	1	bc	46	85	6	1500	St	2	-	2
Nottingham	1018.5	*	SW	1	fo+	38	97	0	-	-	-	Ci.St	10
Cranwell	1018.9	-2	W	1	bc-	42	97	6	-	-	-	-	-
Gorleston	1018.5	-1	-	0	fb+	39	97	1	-	-	-	-	-
Pulham	1018.7	-1	-	0	ffb	38	97	1	-	-	-	-	-
Felixstowe	1019.1	-1	N	1	fb+	41	97	2	-	-	-	-	-
Valencia (Cahirciveen)	1019.9	-1	WSW	3	co	48	75	8	5500	St	10	-	10
Roches Point	1021.4	-1	WNW	1	co	45	85	8	-	-	-	A.Cu	9
Pembroke (St.Ann's H.)	1019.7	-1	-	0	bc	46	97	8	<150	St	1	-	1
Ross-on-Wye	1019.1	-1	-	0	ffb	39	97	1	<150	St	10	-	10
Benson...	1018.2	-1	-	0	fo	42	97	2	-	-	-	-	-
S. Farnborough ...	1010.5	-1	ESE	1	co-	39	97	5	450	St.Cu	9	-	9
London	1018.4	0	-	0	fb-	41	97	1	-	-	-	-	-
Croydon	1019.1	-1	SW	1	bc-	46	92	6	-	-	-	-	-
Clacton-on-Sea ...	1018.4	-1	N	3	fb-	41	97	4	<150	St	10	-	10
Shoeburyness	1018.4	0	NW	1	ffb	41	85	1	-	-	-	-	-
Grain	1018.4	-1	WSW	1	ffo	42	97	0	<150	St	10	-	10
Lympne	1017.9	-2	NNE	3	fb-	46	97	5	-	-	-	-	-
Scilly (St. Mary's) ...	1020.8	-1	NW	3	co+	48	85	8	2500	St	10	-	10
Falmouth	1019.6	-1	NNW	4	co	47	85	8	-	St.Cu	8	-	8
Plymouth	1019.3	0	-	0	bc-	44	97	7	4500	St.Cu	1	-	1
Portland Bill	1019.0	-3	NNE	1	fb	51	92	5	-	-	-	A.Cu	2
Calshot	1018.9	-2	NW	1	ffb	44	97	3	-	-	-	-	-
Dungeness	1017.7	-1	NE	2	bc	42	97	5	-	-	-	-	-
Jersey (Guernsey Ih.)	1018.0	0	N	1	bc	50	85	7	-	-	-	-	-

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 2nd

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 1st-2nd mm.	Rainfall.† Day 9h.-18h. 2nd mm.	Sunshine. Sunrise to 17h. 2nd hr.	Sunshine. Sunrise to Sunset, - hr.
Banff	bbc	bcb	59	38	-	-	6.5	
Montrose	bc	bc	57	45	-	-	3.6	
Llandudno	-	-	54	41	-	-	4.0	
Colwyn Bay ...	-	-	51	40	-	-	1.3	
Rhyl...	t	t	51	40	-	-	0.5	
Southport	oco	ocbcc	51	42	-	-	0.3	
Blackpool	om	bc	55	43	-	-	4.1	
Harrogate	b	b	59	44	-	-	9.7	
Skegness	b	b	58	39	-	-	10.0	
Aberystwyth ...	gcb	cbc	51	42	-	-	4.5	
Bath	b	bbc	67	39	-	-	9.4	
Leamington Spa ...	b	b	68	38	-	-	10.0	
Lowestoft	b	b	57	47	-	-	11.5	
Felixstowe	bz	bm	54	40	-	-	10.5	
Southend	fb	b	61	40	-	-	6.8	
Ilfracombe	b	b	57	44	-	-	10.5	
Bude	b	b	56	38	-	-	9.5	
Penzance	bc	bc	58	43	-	-	9.6	
Torquay	b	b	60	44	-	-	10.3	
Weymouth	b	bzc	64	45	-	-	8.8	
Bournemouth ...	mb	b.bm	64	40	-	-	8.9	
Portsmouth (S'thsea)	-	-	61	43	-	-	10.0	
Worthing	b	b	62	44	-	-	11.1	
Brighton	b	b	61	54	-	-	10.4	
Eastbourne	b	b	59	44	-	-	10.5	
Hastings	b	b	64	45	-	-	10.8	
Folkestone	b	b	59	47	-	-	9.9	
Tunbridge Wells ...	b	bcb	64	39	-	-	8.1	
Ramsgate	b	b	57	46	-	-	10.3	
Margate	b	b	56	45	-	-	10.2	

* Information for these columns not usually received † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.21683 MONDAY, 4TH APRIL 1921.

Observations at 1300 G.M.T. 3rd

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1001·8	-3	SW	4	fo	47	91	2	2500	Nb	10	-	10	*
Stornoway	1002·1	0	WSW	6	pl	48	65	7	4000	Cu	6	-	6	*
Wick	1003·1	-1	SW	3	fm	46	91	8	7250	St Cu	9	-	9	*
Castlebay	1006·8	0	W	6	bc/r	48	85	6	800	Nb	5	-	5	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1007·5	-2	SW	5	bc	56	65	8	4000	St Cu	3	-	3	*
Malin Head	1010·0	-3	WSW	3	fo	46	92	7	2500	·	·	A St	10	*
Renfrew	1010·6	-3	SW	5	fo	48	75	7	[illegible]	St	10	-	10	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1012·9	-1	SW	5	co	45	75	8	2500	St Cu	10	-	10	*
Tynemouth	1012·8	-3	W	2	co+	52	65	6	7250	St Cu	8	-	8	*
Blacksod Point	1013·3	+1	W	2	bc+	50	65	7	2500	Cu Nb	7		7	*
Donaghadee	1013·2	-3	W	4	co+	53	65	8	4000	St Cu	9	-	9	*
Birr Castle	1011·7	0	SW	2	co+	50	92	8	450	St	10	-	10	*
Baldonnell	1015·4	-4	W	4	co	53	65	8	4000	St Cu	10	-	10	*
Holyhead	1016·6	-2	SW	4	co	51	78	8	2500	St Cu	5	A Cu	8	*
Liverpool (Bidston)	1015·8	-3	WNW	3	co	49	75	8	5750	Cu Nb	7	-	7	*
Manchester (Alex. Pk.)	1015·6	-4	NW	3	co	54	65	5	4000	St Cu	10	-	10	*
Howden	1014·4	-4	WSW	5	fo	59	65	6	2500	St	7	A St	9	*
Spurn Head	1015·4	-2	NNE	1	bc	57	92	6	-	-	-	-	-	*
Nottingham	1015·1	0	W	2	bc+	60	75	4	4000	Cu	3	Ci St	7	*
Cranwell	1015·9	-3	W	2	bc+	62	65	6	4000	Cu	1	·	1	*
Gorleston	1016·6	-2	S	3	fb	52	85	6	-	-	-	-	-	*
Pulham	1014·5	0	-	0	bc+	68	55	6	5750	Cu	3	-	3	*
Felixstowe	1014·5	-5	SE	1	bc	54	75	6	-	-	-	-	-	*
Valencia (Cahirciveen)	1018·8	-1	WSW	4	co	57	85	7	1500	St Cu	7	A St	10	*
Roches Point	1018·9	-3	W	3	co+	54	75	8	2500	St Cu	4	A St	10	*
Pembroke (St. Ann's H.)	1018·6	-1	W	2	co+	50	75	8	4000	Cu	1	A Cu	8	*
Ross-on-Wye	1015·7	-3	NW	2	co+	60	75	7	2500	St	9	-	9	*
Benson	1015·2	-3	-	0	bc+	66	65	4	-	Cu	3	-	3	*
S. Farnborough	1015·2	-4	WNW	2	co+	69	45	7	2500	Cu	8	-	8	*
London	1015·3	-5	WSW	1	bc	63	55	6	4000	Cu	2	-	2	*
Croydon	1015·8	-2	-	0	bc+	64	55	6	4000	Cu	4	-	4	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1015·9	-5	SE	1	bc/f	58	75	5	-	-	-	-	-	*
Grain	1014·9	-4	ENE	1	bc	56	75	7	-	-	-	-	-	*
Lympne	1015·4	-3	E	1	bc	61	75	8	4000	Cu	1	-	1	*
Scilly (St. Mary's)	1020·1	0	NNW	2	bc	54	85	8	4000	Cu	2	Ci	5	*
Falmouth	1018·5	-2	NNW	4	bc	54	75	8	-	Cu	3	Ci	4	*
Plymouth	1018·0	-1	NNW	4	co	53	85	7	1500	St Cu	10	-	10	*
Portland Bill	1014·6	-2	NW	1	fb	53	92	3	-	-	-	-	-	*
Calshot	1016·0	-3	-	0	fb	59	75	5	4000	Cu	2	-	2	*
Dungeness	1015·7	-2	E	2	bc	59	97	5	-	-	-	-	-	*
Jersey	1017·2	0	NW	3	bc	62	65	8	2500	St Cu	1	-	1	*

Observations at 1800 G.M.T. 3rd

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1001·2	-1	SW	4	fh	45	97	5	2500	Nb	9	·	9	3
Stornoway	1003·5	+2	W	7	fh	43	65	7	4000	Cu Nb	3	-	3	5
Wick	1003·6	0	WSW	3	co+	45	85	8	5750	Cu	6	-	6	3
Castlebay	1008·4	+1	WNW	5	bc/r	45	75	7	2500	St	2	·	2	7
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1007·2	0	WSW	2	bc-	49	75	8	4000	St Cu	2	·	2	*
Malin Head	1010·8	+2	WSW	3	fo	44	92	7	1500	Cu Nb	7	-	7	*
Renfrew	1010·3	0	WSW	5	co-	47	65	8	1500	St Cu	7	·	7	*
Leith	1009·0	*	W	3	c	49	*	*	*	*	*	*	*	*
Eskdalemuir	1012·0	-1	WSW	3	co-	42	85	7	4000	St Cu	7	A St	10	*
Tynemouth	1011·6	-1	W	3	co	51	65	7	5750	St Cu	7	A Cu	9	0
Blacksod Point	1013·7	+1	W	3	co	50	65	8	5750	St Cu	6	-	6	3
Donaghadee	1013·3	*	W	2	co-	50	85	8	800	Cu	7	-	7	-
Birr Castle	1015·5	0	W	3	co/r	50	75	8	4000	St Cu	6	A St	8	*
Baldonnell	1015·7	-1	SSW	4	co	49	85	7	1500	Nb	10	-	10	0
Holyhead	1015·2	-1	W	3	cov	49	75	9	2500	St	10	·	10	*
Liverpool (Bidston)	1015·2	0	WNW	2	co	49	75	8	2500	St Cu	3	Ci St	10	*
Manchester (Alex. Pk.)	1014·3	-1	NW	3	co+	50	85	6	2500	St	8	A St	10	*
Howden	1014·1	-1	NW	3	bc	51	92	6	4000	St	5	-	10	0
Spurn Head	1015·2	0	NW	3	co+	52	75	4	4000	St	3	Ci	7	*
Nottingham	1012·9	-1	WNW	3	bc-	56	75	7	4000	St	2	Ci	4	*
Cranwell	1014·0	-2	SSW	3	bc+	51	85	6	-	-	-	Ci St	4	0
Gorleston	1013·1	+2	SSW	2	co+	59	75	7	4000	Cu Nb	8	-	8	*
Pulham	1016·6	-2	S	1	bc+	51	92	6	-	-	-	A St	2	0
Felixstowe	1020·7	+3	WNW	4	co-	50	65	8	4000	St Cu	10	-	10	3
Valencia (Cahirciveen)	1019·2	+1	W	4	co-	50	85	8	4000	Cu Nb	4	A St	7	0
Roches Point	1018·3	0	W	3	co	48	85	8	4000	St Cu	7	A Cu	8	1
Pembroke (St. Ann's H.)	1015·8	+3	NW	2	co	51	75	8	4000	Cu	1	Ci Cu	8	*
Ross-on-Wye	1014·0	0	NW	1	bc+	59	65	6	-	-	-	Ci	3	*
Benson	1014·3	-1	WNW	2	bc-	61	65	7	-	-	-	Ci St	4	*
S. Farnborough	1014·0	0	WNW	3	bc+	61	55	6	4000	Cu	4	-	4	*
London	1014·6	0	NW	1	co	61	65	6	4000	Cu	5	A Cu	8	*
Croydon	1013·7	-1	ESE	1	fb	52	85	7	-	-	-	Ci St	4	
Clacton-on-Sea	1013·8	-1	SE	1	co+	53	75	5	2500	St Cu	8	-	8	*
Shoeburyness	1014·0	-1	-	0	co	58	85	7	5750	St Cu	10	-	10	0
Grain	1014·4	0	S	2	co+	52	92	6	4000	St Cu	1	A Cu	7	*
Lympne	1020·4	0	NW	4	co+	49	85	8	-	-	-	A St	8	2
Scilly (St. Mary's)	1019·0	+1	NW	4	co-	49	75	8	-	St Cu	5	Ci Cu	7	*
Falmouth	1017·9	+1	NNW	3	co-	49	85	8	1500	St Cu	10	-	10	*
Plymouth	1015·7	-2	NNW	3	co+	53	92	7	1500	St Cu	9	-	9	0
Portland Bill	1014·8	0	WNW	4	oc	59	75	7	5750	St Cu	6	-	6	0
Calshot	1014·1	-1	-	0	bc+	54	97	6	*	*	*	*	3	1
Dungeness	1016·9	0	NW	4	bc+	52	85	7	2500	St Cu	5	-	5	0
Jersey														

LONDON OBSERVATIONS.

	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 HOURS ENDED 0900 G.M.T. 4th							YESTERDAY.		TO-DAY.
Kew	b or bc	b or bc	b or bc	*	*	30	-	7·7	*	*
Croydon (24 hours ended 0700)	b or bc	c	b or bc c	*	*	37	-	*	*	*
Greenwich (Royal Obsy.)	b	bc	co bc	70	42	33	-	7·7	47	58
City (Bunhill Row)	*	*	*	*	*	*	*	4·1	*	*
Westminster (St. James' Pk.)	*	*	*	69	49	38	-	4·3	50	60
Camden Sq. (Brit. Rainfall)	*	*	*	*	*	*	*	3·7	*	*
Kensington Palace			*	71	42	36	-	*	-	59
Hampstead Observatory	b	bc	*	70	42	35	-	*	60 (18h.)	62
	*	*	*	66	40	*	-	6·0	*	67

ATMOSPHERIC POLLUTION. Lbs. of Solid impurity per million cubic yards.

24 Hr. ended 1600 G.M.T. 3rd

South Kensington

Max.	Time.	Min.	Time.

Kew Observatory

Max.	Time.	Min.	Time.

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total 936 joules

Average Rate 20·0 Milliwatts.

Maximum Rate 50 Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 19 h. 17 m. to 5 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	10·0	3·0	30
δ Ursae Minoris	10·0	2·15	26

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

4th and 5th April 1921.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·24	11·56	6·29
	5·21	11·56	6·31
Greenwich	5·32	12·3	6·35
	5·30	12·3	6·37
Wick	5·35	12·15	6·56
	5·32	12·15	6·59
Valencia	6·13	12·44	7·16
	6·11	12·44	7·17

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, *i.e.*, rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; – = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
r_0r_0 = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1– 3	0·3– 1·5
2	4– 7	1·6– 3·3
3	8–12	3·4– 5·4
4	13–18	5·5– 7·9
5	19–24	8·0–10·7
6	25–31	10·8–13·8
7	32–38	13·9–17·1
8	39–46	17·2–20·7
9	47–54	20·8–24·4
10	55–63	24·5–28·4
11	64–75	28·5–33·5
12	Above 75	33·6 or above

* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

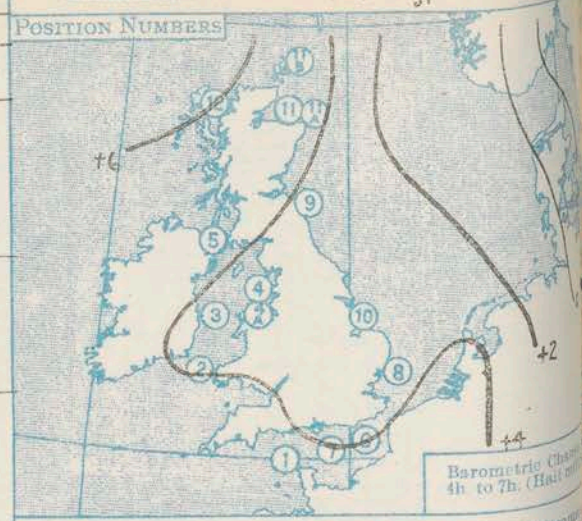
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 3rd	13h.-18h. 3rd	18h.-1h. 3rd to 1h. 4th	1h.-7h. 4th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL. Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	SUN. Hours.
Lerwick	r or d	h or hr	h or hr	h or hr	47	33	*	2	5	1630 630	*
Stornoway	p	p	p	p	50	37	*	2	2	-	4.6
Wick	p	p	c	h or hr	49	34	*	2	1	-	*
Castlebay	r or d	h or hr	h or hr		49	37	*	2	1	-	4.1
Nairn	c b c	c p q q	c p	b c	54	34	*	2		*	5.8
Aberdeen	b or bc	c	b or bc		56	36	24	-	-	-	8.2
Malin Head	oo	p	p		49	41	*	1	TRACE	11.00	3.2
Renfrew	oo	r or d	p	p	49	38	33	0.4	0.1	-	0.8
Leith	c b c q c	c q o c	c c	c b	55	38	32	-	-	*	*
Eskdalemuir	c	p	b or bc	c	45	30	27	0.4	0.2	-	2.3
Tynemouth	c	c	b or bc	b or bc	55	37	*	-	-	-	*
Blacksod Point ...				c	51	40			—	—	
Donaghadee	c	p	c		54	37	*	TRACE	-	-	*
Birr Castle	c	p	c		53	42	34	0.6	-	3.30	4.6
Baldonnell	oo	c	b or bc	c	54	39	33	0.1	-	-	2.9
Holyhead	c	c	b or bc	c	52	42	39	-	-	-	2.3
Liverpool (Bidston) ...	c	c	c		51	43	35	-	-	-	6.1
Manchester (Alex.Pk.)	oo	oo	c		55	36	22	-	-	-	*
Howden	oo	oo	b or bc	c	?	32	24	-	-	-	6.6
Spurn Head	b or bc	b or bc	b or bc	b or bc	51	40	*	-	-	-	*
Nottingham	b or bc	b or bc	c		62	41	33	-	-	-	7.4
Cranwell	b or bc	b or bc	b or bc	b or bc	64	36	32	-	-	-	9.2
Gorleston	f or m	f or m	b or bc	b or bc	53	42	39	-	-	-	10.1
Pulham	b or bc	c	c	b or bc	?	37	35	-	-	-	7.5
Felixstowe	b or bc	f or m	c	b or bc	58	42	39	-	-	-	9.6
Valencia (Cahirciveen)	r or d	p	c	p	52	44	37	0.1	0.3	4.30	3.3
Roches Point	c	c	b or bc		55	42	*	-	0.2	4.30	*
Pembroke (St. Ann's H.)	c	c	c	b or bc	51	43	*	-	-	-	2.2
Ross-on-Wye	b or bc	c	c		64	39	30	-	-	-	5.9
Benson	b or bc	b or bc	b or bc		66	32	25	-	-	-	*
S. Farnborough ...	b or bc	c	b or bc		70	33	29	-	-	-	6.8
London	b or bc	b or bc	b or bc		66	42	30	-	-	-	7.7
Croydon	b or bc	c	b or bc	c	68	42	37	-	-	-	*
Clacton-on-Sea ...	f or m		f or m		55	42	38	-	-	-	10.2
Shoeburyness	f or m	b or bc	f or m		60	41	37	Trace	-	-	7.4
Grain	f	c	b or bc		61	42	36	TRACE	-	-	6.3
Lympne	b or bc	b or bc	c	b or bc	63	42	41	-	-	-	10.6
Scilly (St. Mary's) ...	b or bc	c	c	c	55	45	*	-	-	-	2.7
Falmouth	b or bc	c	b or bc	c	57	43	39	-	-	-	4.7
Plymouth	c	c	b or bc		56	42	33	-	Trace	-	7.1
Portland Bill	r or d	oo	b or bc	b or bc	56	44	*	-	-	-	*
Calshot	f or m	b or bc	b or bc	b or bc	64	40	*	-	-	-	5.4
Dungeness	b or bc	b or bc	b or bc	c	59	46	*	-	-	-	*
Jersey	b or bc	b or bc	b or bc		63	46	*	-	-	-	9.8

ISALLOBARS. Monday, 4th APRIL

POSITION NUMBERS



Temperature reported from Cross Channel and Coastal Steamers

Position Number.													
Date													
Time G.M.T.													
Sea ° F													
Air ° F													

GENERAL INFERENCE.

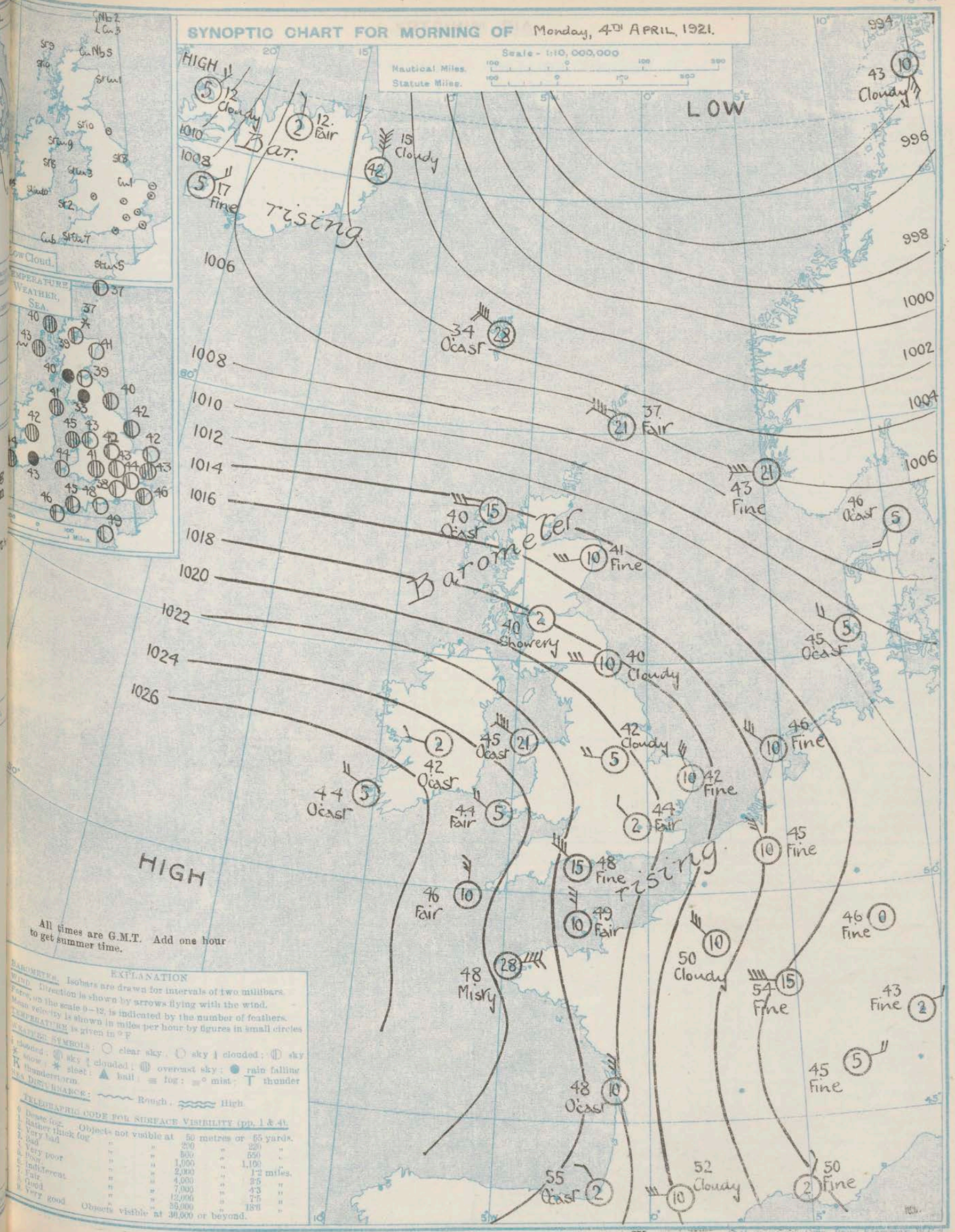
An anticyclone extending over these islands will maintain fair weather over the kingdom generally, but as the wind will be mainly North West or North, temperature will be much lower than of late. Wintry showers may occur locally in the North.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 4th April 1921.	Further Outlook
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Wind between North-West and North, light or moderate; fair generally, cloudy at times; visibility mainly good. Temperature low; frost locally at night.	Mainly fair and cold.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind North-Westerly, light or moderate; cloudy to fair, dull at times, some local showers, rain or hail; visibility fair or good; cold. Frost locally at night.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind North-West or North; light or moderate; variable sky, some local showers of snow, hail or rain; visibility fair; cold, frost in many places at night.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind West or North-West, light or moderate; variable sky, visibility fair or good. Cold, frost locally at night.	

R.S.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 9.10

G. C. SIMPSON, F.R.S., Dir.



H. Muskett, Printing Office, Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....MONDAY, 4TH APRIL.....1921. No. 94.

Observations at 0100 G.M.T. 4th

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1001·7	+1	SW	4	co/r	42	97	5	2500	Nb	10	-	10	*
Stornoway	1007·6	+3	WSW	4	ph.	×	*	5	3	?	?	?	?	×
Wick	1005·5	+2	SW	3	bc	35	97	8	7250	CuNb	2	-	2	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head														*
Renfrew	1014·0	+2	W	3	bc-	39	75	8	1500	St	2	-	2	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1015·5	+2	SW	1	bc	37	75	8	2500	St	1	-	1	*
Tynemouth	1015·0	+3	W	2	bc-	40	75	7	-	-	-	-	-	*
Blacksod Point ...														*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1020·7	+4	SW	2	bc-	41	85	8	-	-	-	A.St	2	*
Holyhead	1019·1	+3	NW	5	bc-	*	*	8	2500	St.Cu	2	-	2	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	1016·5	+2	WNW	2	bc-	40	92	6	2500	St	1	-	1	*
Spurn Head	1016·0	+1	WNW	4	bc	46	75	7	-	-	-	-	-	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1017·2	+2	WNW	3	bc	43	92	7	-	-	-	-	-	*
Gorleston	1015·5	+2	NNW	4	co+	48	75	8	5,750	St.Cu	8	-	8	*
Pulham	1016·2	+2	NW	2	bc-	48	75	6	4000	St.Cu	4	-	4	*
Felixstowe	1016·2	+2	N	3	co+	49	75	8	4000	St.Cu	10	-	10	*
Valencia (Cahirciveen)	1025·1	0	W	3	bc-	46	*	*	*	*	*	*	*	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1020·2	+2	NW	3	co-	46	75	8	-	St.Cu	8	-	8	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London	1016·9	+2	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1017·3	+2	NNW	2	co	50	75	7	2500	St	10	-	10	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1015·5	+1	NNE	5	bc	48	85	8	-	-	-	A.Cu	4	*
Scilly (St. Mary's) ...	1023·3	+2	NNW	4	co	50	92	8	-	-	-	A.St	6	*
Falmouth	1021·2	+2	NNW	4	co+	48	75	8	-	St.Cu	8	-	8	*
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1018·3	+2	NW	4	bc-	51	92	8	-	-	-	-	-	*
Calshot	1017·9	+2	NNW	3	bc-	46	85	8	-	-	-	-	-	*
Dungeness	1014·9	+1	NE	3	bc	50	92	6	-	-	-	-	-	*
Jersey (Guernsey Ih.)	1019·4	+2	N	4	bc-	48	85	8	5750	Cu	3	-	3	*

Observations at 0700 G.M.T. 4th

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1006·1	+4	NW	5	fb+	37	75	6	2500	Cu	5	-	5	*
Stornoway	1014·7	+6	W	3	co/r	40	75	7	1500	St	9	-	9	*
Wick	1011·2	+5	NW	3	s	37	85	6	800	CuNb	5	-	5	*
Castlebay	1017·5	+5	W	4	co	43	92	6	800	St	10	-	10	*
Nairn	1014·3	*	W	2	bc	39	*	*	*	*	*	*	*	*
Aberdeen	1015·7	+5	W	3	bc	41	75	*	5750	St.Cu	t	-		
Malin Head	1019·7	+8	WNW	3	co+	44	92	7	4000	St.Cu	9	-	9	*
Renfrew	1018·2	+6	W	1	pr.	40	85	5	2500	St	10	-	10	*
Leith	?1016·5	?+2	SW	3	b	39	*	*	*	*	*	*	*	*
Eskdalemuir	1019·7	+4	SSW	2	r.+	33	92	7	1500	St	10	-	10	*
Tynemouth	1018·1	+3	W	3	co	40	85	7	-	-	-	A.Cu	7	*
Blacksod Point ...	1023·2	-2	SW	2	co+	49	85	7	2500	St	10	-	10	*
Donaghadee	1020·7	+3	W	2	co	41	85	8	5750	St.Cu	9	-	9	*
Birr Castle	1024·7	*	W	1	co+	42	92	7	-	-	-	A.Cu	9	*
Baldonnell	1023·7	+4	SW	2	co+	41	85	8	4000	St	8	A.St	10	*
Holyhead	1022·5	+4	NW	5	co	45	85	8	2500	St.Cu	3	A.Cu	9	*
Liverpool (Bidston) ...	1021·4	+3	WNW	4	bc-	43	75	8	4000	Cu	2	A.Cu	5	*
Manchester (Alex.Pk.)	1021·3	+4	W	2	bc-	40	85	4	2500	St.Cu	8	-	8	*
Howden	1020·1	+4	W	1	co+	38	92	6	2500	St	8	A.Cu	10	*
Spurn Head	1018·5	+2	NW	4	co	42	92	8	5750	Cu	5	Ci.Cu	7	*
Nottingham	1021·4	+1	W	2	co+	42	85	3	-	-	-	A.St	7	*
Cranwell	1020·9	+4	W	1	co+	38	92	6	5750	Cu	1	A.St	9	*
Gorleston	1018·3	+3	NNW	3	bc-	42	92	6	-	-	-	Ci.St	1	*
Pulham	1019·3	+4	NW	3	bc	42	85	6	5,750	St	1	Ci	2	*
Felixstowe	1019·7	+6	N	3	bc+	44	75	7	-	-	-	Ci.St	1	*
Valencia (Cahirciveen)	1026·7	+3	NW	2	co	44	75	9	2500	St	4	Ci.Cu	10	*
Roches Point	1026·3	+4	WNW	2	pr.	43	92	8	4000	St.Cu	10	-	10	*
Pembroke (St. Ann's H.)	1025·0	+4	NW	2	bc+	44	85	8	800	St	2	Ci.St	5	*
Ross-on-Wye	1022·3	+4	NNW	1	co⊕	41	85	9	-	-	-	Ci.St	10	*
Benson...	1021·3	+4	NNW	2	co+	43	85	7		-	-	Ci St	7	*
S. Farnborough ...	1021·3	+4	WNW	1	bc+	38	97	8	-	-	-	Ci	6	*
London	1021·1	+5	NW	1	bc+	44	85	6	-	-	-	Ci.St	5	*
Croydon	1021·3	+4	NW	2	bc	43	85	5	-	-	-	Ci St	4	*
Clacton-on-Sea ...	1019·1	+5	NW	4	bc/f	43	85	7	-	-	-	A.St	3	*
Shoeburyness	1019·7	+5	N	3	bc-	45	75	7	-	-	-	A.Cu	2	*
Grain	1020·1	+3	NW	4	bc+	45	85	7	-	-	-	Ci	2	*
Lympne	1019·2	+8	N	6	bc-	44	75	8	-	-	-	A.Cu	2	*
Scilly (St. Mary's) ...	1024·7	+2	N	3	bc-	46	85	8	5750	-	-	Cu	6	*
Falmouth	1024·4	+5	N	3	co	45	75	7	-	St.Cu	7	-	7	*
Plymouth	1023·4	+5	-	0	bc-	43	85	7	-	-	-	Ci.Cu	4	*
Portland Bill	1020·7	+3	NNW	4	bc	48	92	8	-	-	-	Ci.Cu	2	*
Calshot	1021·7	+4	NNW	1	bc-	43	92	6	-	-	-	A.St	2	*
Dungeness	1018·8	+4	NNE	3	co+	46	97	8	-	?	-	?	8	*
Jersey (Guernsey Ih.)	1021·0	+1	N	3	bc+	49	85	8	2500	St.Cu	5	-	5	*

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR.....

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 2nd-3rd mm.	Rainfall.† Day 9h.-18h. 3rd mm.	Sunshine. Sunrise to 17h. 3rd hr.	Sunshine. Sunrise to Sunset. hr.
Banff	bc	c op. bc	54	35	-	0·3	5·6	
Montrose								
Llandudno	o.c	c. bc	52	38	-	-	3·1	
Colwyn Bay ...	c. bc	b	53	36	-	-	5·6	
Rhyl...	bc. c	c. bc	52	43	-	-	4·0	
Southport	c. o. c	o. c. bc. c	51	36	-	-	4·3	
Blackpool	c	o	51	35	-	-	1·8	
Harrogate	*	*	56	34	-	-	6·4	
Skegness	m. b	m. b	64	41	-	-	7·2	
Aberystwyth ...	o. c. b	bc. c	51	40	-	-	5·5	
Bath	b	b bc	61	41	-	-	8·2	
Leamington Spa ...	b	bc	63	36	-	-	7·5	
Lowestoft	b	bz	58	34	-	-	10·1	
Felixstowe	bm	bm	54	34	-	-	9·8	
Southend	fb	b. bc	61	39	0·1	-	7·0	
Ilfracombe	b. bc. c	c. bc. c. c	52	43	-	-	6·2	
Bude	w. b. bc	c	53	40	-	-	3·5	
Penzance	c. bc	bc. c	59	44	-	-	5·3	
Torquay	bz	b. bc. c. b	62	45	-	-	7·9	
Weymouth	b	bc. c	68	44	-	-	8·3	
Bournemouth ...	f. b	b	61	41	-	-	8·0	
Portsmouth (S'thsea)	*	*	66	43	-	-	8·0	
Worthing	b	b	64	44	-	-	10·4	
Brighton	b	b. bc	65	45	-	-	9·9	
Eastbourne ...	b	b	63	44	-	-	10·5	
Hastings	b	b	65	48	-	-	10·5	
Folkestone	b	b	64	44	-	-	10·1	
Tunbridge Wells ...	b	b bz	69	36	-	-	8·3	
Ramsgate	b	b	59	42	-	-	9·1	
Margate	f. b	b	59	45	-	-	7·5	

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.21684 TUESDAY 5TH APRIL 1921.

Observations at 1300 G.M.T. 4th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1008.7	+4	W	5	bc/s	43	92	7	7250	-	-	A.Cu	5	*
Stornoway	1017.1	+1	WNW	3	co	46	65	7	450	St	10	-	10	*
Wick	1016.1	+4	W	2	co/r	42	85	8	4000	Cu Nb	6	-	8	*
Castlebay	1020.0 (1017.0)	0	WSW	4	co-	47	65	6	1500	St	4	-	6	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1018.8	+2	WNW	3	co+	47	55	8	4000	St.Cu	9	-	9	*
Malin Head	1021.9	0	W	3	bc-	48	85	8	2500	Cu	1	A.Cu	4	*
Renfrew	1021.4	+2	W	4	co	47	55	7	1500	St.Cu	9	-	9	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	1021.7	+2	W	4	co-	46	65	7	4000	St.Cu	9	-	9	*
Blacksod Point	1021.2	+3	W	2	co+	50	55	8	2500	Cu Nb	7	-	7	*
Donaghadee	1020.5	+3	W	2	bc	45	75	7	5750	Cu	5	-	5	*
Birr Castle	1023.7	+2	WNW	3	bc-	49	65	8	7250	Cu	2	A.Cu	6	*
Baldonnell	1026.4	*	W	1	co-	51	97	8	2500	St.Cu	7	-	7	*
Holyhead	1023.5	0	W	3	co	50	65	8	4000	St.Cu	10	-	10	*
Liverpool (Bidston)	1025.5	+1	WNW	5	co	50	75	8	2500	Cu	1	A.Cu	8	*
Manchester (Alex.Pk.)	1023.9	+1	NW	4	co	48	65	6	2500	St.Cu	10	-	10	*
Howden	1021.7	+2	NW	4	co+	50	65	7	4000	St.Cu	9	-	9	*
Spurn Head	1021.9	+3	NW	3	bc-	51	85	9	-	-	-	A.Cu	5	*
Nottingham	1023.4	*	NW	3	co	50	55	4	4000	St.Cu	7	A.Cu	9	*
Cranwell	1023.2	+1	NW	2	co+	50	65	8	2500	Cu	9	-	9	*
Gorleston	1021.0	+2	N	5	bc+	51	55	8	4000	Cu	1	Ci	3	*
Pulham	1022.1	+2	NNW	4	co-	52	55	8	2500	Cu	6	-	6	*
Felixstowe	1022.4	+1	NNE	3	co	54	55	8	4000	Cu	1	Ci	7	*
Valencia (Cahirciveen)	1028.6	+1	W	3	bc-	50	75	9	2500	St.Cu	2	-	4	*
Roches Point	1027.7	+1	W	2	co	49	75	8	1500	St.Cu	10	-	10	*
Pembroke (St.Ann's H.)	1027.0	+1	N	2	bc	49	75	8	-	-	-	A.Cu	2	*
Ross-on-Wye	1024.4	0	N	2	co+	51	65	9	4000	St.Cu	10	-	10	*
Benson	1024.3	+2	N	3	co	49	55	6	-	Cu	7	-	7	*
S. Farnborough	1023.6	+2	NW	2	bc	54	45	8	4000	Cu	4	-	4	*
London	1023.5	+1	NW	3	bc ⊕	51	55	8	5750	St.Cu	4	Ci	5	*
Croydon	1023.3	+1	N	4	co	51	55	8	4000	Cu	5	Ci.St	6	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1022.4	+2	NW	2	bc	53	75	7	2500	Cu	4	-	4	*
Grain	1022.9	+2	NNE	2	bc	55	45	8	5750	St.Cu	4	-	4	*
Lympne	1022.2	+3	N	5	co	49	65	8	2500	Cu	5	Ci.St	8	*
Scilly (St. Mary's)	1027.7	+1	NNW	3	bc-	50	75	8	4000	Cu	4	-	4	*
Falmouth	1026.6	+1	NNW	4	co	51	55	8	-	St.Cu	8	-	8	*
Plymouth	1025.5	0	N	3	co	51	65	8	2250	St.Cu	5	Ci	7	*
Portland Bill	1022.1	+2	NNW	3	bc+	50	92	8	1500	St.Cu	5	-	5	*
Calshot	1022.9	+1	N	4	bc	52	55	9	4000	St.Cu	2	Ci.St	5	*
Dungeness	1021.5	+2	NNE	3	bc+	52	97	8	-	-	-	-	5	*
Jersey	1024.3	0	NNE	3	co+	52	65	8	2500	St.Cu	8	-	8	*

Observations at 1800 G.M.T. 4th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1012.3	+1	W	4	bc/s	44	85	7	2500	Nb	2	Ci	5	4
Stornoway	1014.7	-2	WSW	5	co	45	75	6	450	St	10	-	10	4
Wick	1015.7	-1	SW	2	bc-	42	92	8	7250	-	-	A.Cu	7	0
Castlebay	1018.3	-1	WSW	5	pc	46	97	6	1500	St	5	-	10	6
Nairn	1017.2	*	W	2	c	45	*	*	*	*	*	*	*	*
Aberdeen	1019.1	+1	W	3	co	46	68	8	4000	St.Cu	6	A.St	9	0
Malin Head	1021.6	0	WSW	3	bc+	47	97	8	4000	St.Cu	3	A.Cu	4	2
Renfrew	1022.0	0	SW	3	co	46	75	7	2500	St.Cu	9	A.St	10	5
Leith	1020.6	*	W	2	bc	48	*	*	*	*	*	*	*	*
Eskdalemuir	1022.5	0	W	3	co-	44	65	7	4000	St.Cu	4	A.Cu	8	*
Tynemouth	1021.8	+1	W	2	co+	48	65	6	5750	Cu	7	-	7	0
Blacksod Point	1023.5	0	WNW	2	ts	49	65	8	5750	St.Cu	6	A.Cu	8	0
Donaghadee	1026.2	*	W	2	co+	49	75	8	4000	Cu	8	-	8	*
Birr Castle	1025.5	0	W	2	co	50	65	8	4000	St.Cu	9	-	9	*
Baldonnell	1025.5	0	SW	3	co	48	75	8	4000	St.Cu	6	A.Cu	8	0
Holyhead	1025.0	+1	WNW	3	co	47	65	9	4000	Cu	2	Ci.Cu	7	*
Liverpool (Bidston)	1024.9	+1	NW	3	co	47	65	5	1500	St	2	-	10	*
Manchester (Alex.Pk.)	1023.4	+1	NW	2	co+	47	75	7	4000	St.Cu	7	A.Cu	9	*
Howden	1023.0 (1022.0)	+1	NE	1	co+	47	85	8	5750	Cu	7	-	7	0
Spurn Head	1024.5	*	WNW	3	co+	48	55	3	5750	St.Cu	7	-	7	*
Nottingham	1024.5	+2	NW	1	co	47	75	7	4000	St.Cu	9	-	9	*
Cranwell	1023.1	+1	N	2	bc+	47	65	8	7250	-	-	A.Cu	5	0
Gorleston	1023.2	+2	NNE	1	co	49	55	8	2500	Cu	7	-	7	*
Pulham	1023.7	+2	E	2	co+	47	85	8	4000	St.Cu	9	-	9	0
Felixstowe	1028.5	0	W	2	co+	49	75	9	2500	St.Cu	5	-	8	4
Valencia (Cahirciveen)	1027.5	0	W	1	co-	51	85	8	2500	St.Cu	4	A.Cu	8	0
Roches Point	1027.7	0	-	0	bc	49	85	8	-	-	-	A.Cu	3	2
Pembroke (St.Ann's H.)	1025.2	+1	W	1	co v	48	65	9	4000	St.Cu	10	-	10	*
Ross-on-Wye	1025.7	+1	N	3	co	48	55	7	-	St	8	-	8	*
Benson	1024.9	+2	SW	1	bc+	49	65	8	2500	St	2	-	2	*
S. Farnborough	1024.5	+2	NW	3	bc	50	55 (65)	6	7250	St.Cu	2	A.Cu	5	*
London	1024.5	+2	NNW	4	co	49	65	6	5750	St.Cu	6	A.Cu	8	*
Croydon	1023.4	+2	ESE	3	co+	48	85	8	7250	St.Cu	4	A.Cu	7	0
Clacton-on-Sea	1023.8	+2	ENE	1	co	46	65	7	4000	St.Cu	5	-	7	*
Shoeburyness	1023.7	+2	E	1	bc+	48	75	8	5750	St.Cu	5	A.Cu	7	0
Grain	1024.0	+3	SE	3	bc	45	85	8	-	-	-	A.Cu	1	*
Lympne														
Scilly (St. Mary's)	1027.8	0	NNW	3	bc-	50	85	8	5750	Cu	1	-	1	2
Falmouth	1027.5	+2	N	4	bc-	48	65	7	-	Cu Nb	3	-	3	*
Plymouth	1026.5	+1	NNW	3	co	50	75	8	4000	St.Cu	6	-	6	*
Portland Bill	1024.0	+2	N	3	bc-	50	92	8	-	-	-	Ci.Cu	2	0
Calshot	1025.1	+2	N	3	bc	51	55	8	7250	St.Cu	2	-	2	0
Dungeness	1022.6	+1	ENE	3	bc-	48	97	8	-	-	-	-	2	3
Jersey	1025.1	0	NW	3	bc-	50	75	8	2500	St.Cu	1	-	1	0

LONDON OBSERVATIONS.

	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 HOURS ENDED 0900 G.M.T. 5TH							YESTERDAY.		TO-DAY.
Kew	c	b or bc	b or bc	*	*	23	-	9.5	*	*
Croydon (24 hours ended 0700)	oo	c	fog & b or bc	*	*	24	-	*	*	*
Greenwich (Royal Obsy.)	c	c	b x ⊕	57	33	22	-	9.0	48	66
City (Bunhill Row)	*	*	*	*	*	*	*	6.9	*	*
Westminster (St. James' Pk.)	*	*	*	57	35	27	-	8.3	52	67
Barometrical Gardens	*	*	*	*	*	*	*	8.1	*	*
Camden Sq. (Brit. Rainfall)	c	bc	*	64	34	27	-	*	47	57
Kensington Palace	b bc	bc	*	56	35	29	-	*	57 (18h.)	67
Hampstead Observatory	*	*	*	54	35	*	-	9.7	*	75

ATMOSPHERIC POLLUTION. Lbs. of Solid impurity per million cubic yards.

24 HR. ended 1600 G.M.T. 4th

South Kensington Max.	Time.	Min.	Time.
1	3rd 1900	<½	4th 0-5h.
1	4th 0700		

Kew Observatory Max.	Time.	Min.	Time.
1	3rd 1800	<½	4th 1-3h.
1	4th 0600		

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington,

Total 1494 joules

Average Rate 31.8 Milliwatts.

Maximum Rate 71 Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 19h 45m. to 04h 15m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	8·30	8·30	100
δ Ursae Minoris	8·30	8·30	100

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

5th AND 6th APRIL 1921.

STATIONS.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.21 / 5.18	11.56 / 11.56	6.31 / 6.33
Greenwich	5.30 / 5.27	12.3 / 12.3	6.37 / 6.39
Wick	3.32 / 3.29	12.15 / 12.15	6.59 / 7.1
Valencia	6.11 / 6.8	12.44 / 12.44	7.17 / 7.19

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, *i.e.*, rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
r_0r_0 = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

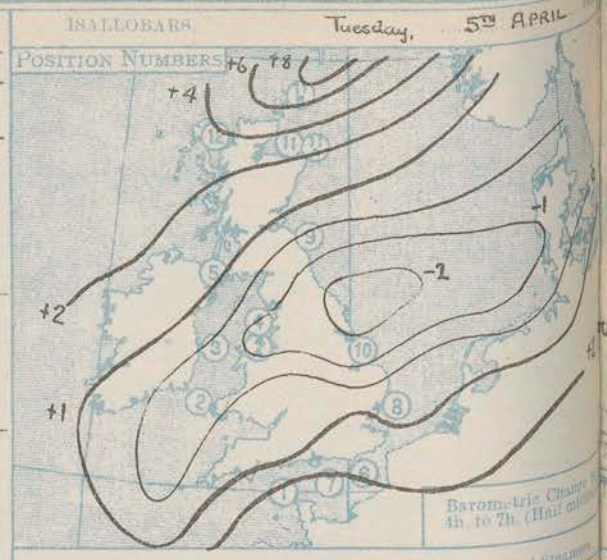
0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 4th	13h.-18h. 4th	18h.-4th to 1h. 5th	1h.-7h. 5th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	SUN. Hours.
Lerwick	h or hr	h or hr	r or d	r or d	44	34	*	2	8	09.00	*
Stornoway	c	oo	r or d	p	48	44	*	0.1	3	-	2.4
Wick	h or hr	c	c	r or d	48	40	*	0.5	1	-	*
Castlebay	c	oo	p		47	46	*	0.2	1	-	1.4
Nairn	bcep	cg	q c p		49	37	*	0.2	1	*	5.2
Aberdeen	c	c	b or bc		51	41	36	-	-	-	4.7
Malin Head	c	b or bc	r or d	r or d	49	~~39~~ 45	*	-	2	2200	5.3
Renfrew	oo	oo	r or d	oo	50	44	42	0.1	Trace	{09.00 0630	1.6
Leith	b.bcpc	cu bc	bc buc		50	39	38	Trace		*	*
Eskdalemuir	p	c	c	r or d	46	38	35	0.3	2	0330	1.5
Tynemouth	b or bc	c	b or bc	oo	51	42	*	0.0	-	-	*
Blacksod Point ...	b or bc										
Donaghadee	oo	b or bc	c		51	40	*	-	-	-	*
Birr Castle	c	c	c		53	45	42	-	-	-	5.1
Baldonnell	oo	oo	b or bc	c	54	43	37	-	-	-	2.1
Holyhead	c	c	b or bc	c	52	44	41	-	0.2	06.30	2.7
Liverpool (Bidston) ...	b or bc	b or bc	b or bc		49	43	36	-	-	-	3.8
Manchester (Alex.Pk.)	oo	oo	p		50	39	30	-	-	-	*
Howden	c	oo	b or bc	c	?	35	30	-	-	-	5.8
Spurn Head	c	b or bc	c	b or bc	52	40	*	-	-	-	*
Nottingham	c	c	b or bc		51	37	31	-	-	-	3.0
Cranwell	c	oo	b or bc	b or bc	53	36	31	-	-	-	5.2
Gorleston	b or bc	h or bc	oo	c	52	35	30	-	-	-	11.2
Pulham	c	c		b or bc	54	32	28	-	-	-	10.4
Felixstowe	c	c	c	b or bc	56	38	34	-	-	-	9.4
Valencia (Cahirciveen)	b or bc	c	b or bc	oo	51	48	46	-	-	-	4.9
Roches Point	oo	oo	b or bc		53	45	*	-	-	-	*
Pembroke (St. Ann's H.)	b or bc	b or bc	b or bc	b or bc	50	44	*	-	-	-	9.6
Ross-on-Wye	c	oo	c		53	37	29	-	-	-	3.1
Benson...	c	c	b or bc		52	28	22	-	-	-	*
S. Farnborough ...	b or bc	c	b or bc		56	28	25	-	-	-	10.3
London	c	b or bc	b or bc		54	35	23	-	-	-	9.5
Croydon	oo	c	f or m	b or bc	54	32	24	-	-	-	*
Clacton-on-Sea ...	b or bc		b or bc		56	36	30	-	-	-	10.3
Shoeburyness	b or bc	b or bc	b or bc		56	34	28	-	-	-	10.8
Grain	b or bc	b or bc	b or bc		56	30	25	-	-	-	10.8
Lympne	c	c	c	b or bc.	51	34	32	-	-	-	~~10~~ 10.0
Scilly (St. Mary's) ...	c	b or bc	b or bc	b or bc	54	44	*	-	-	-	8.5
Falmouth	c	b or bc	b or bc	b or bc	53	39	30	-	-	-	5.1
Plymouth	c	c	b or bc		53	36	24	-	-	-	8.8
Portland Bill	c	c	b or bc	b or bc	54	42	*	-	-	-	*
Calshot	b or bc	c	c	c	~~56~~	~~36~~	~~30~~	-	-	-	12.0
Dungeness	b or bc	b or bc	b or bc	b or bc	54	35	*	-	-	-	*
Jersey	c	c	b or bc		54	38	*	-	-	-	10.8



Temperature reported from Cross Channel and Coastal Steamers

Position Number	5	3	6	2	7
Date	4th	4th	4th	5th	5th
Time G.M.T.	0709	1015	1340	0210	0204
Sea °F	45	47	50	48	49
Air °F	44	47	53	48	47

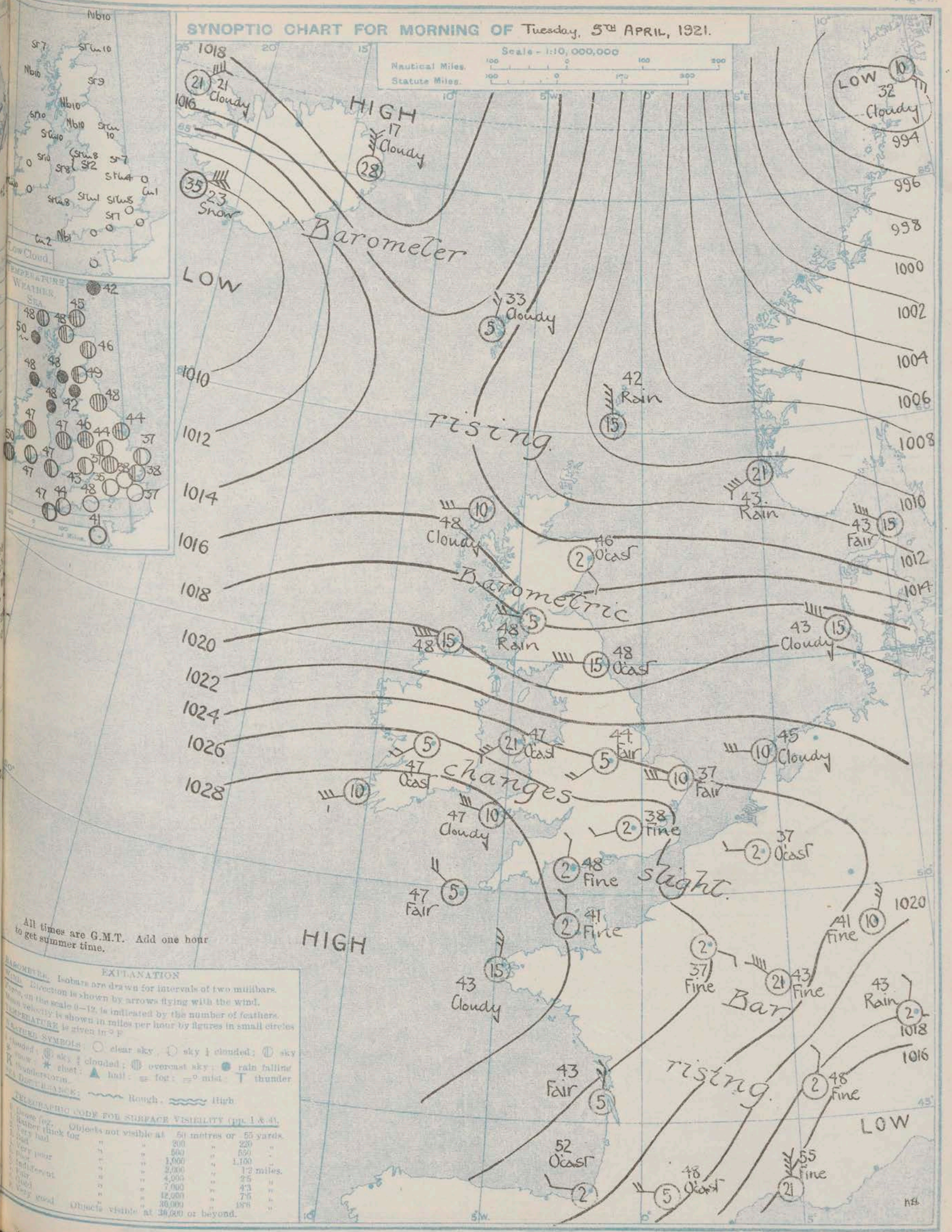
GENERAL INFERENCE.

A new depression has develop[illegible] Southwest Iceland and will proba[illegible] move Eastward causing unsettled [illegible] to continue in the North. Over [illegible]ern England the fine weather seem[illegible]ly to last for another day or tw[illegible] least.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Tuesday, 5th April 1921.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England	Wind light Westerly; fine; visibility fair to good after morning mist; mild during day, risk of night frost.	Winds from a Westerly point; fair in the South unsettled in the North.
6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind Westerly, moderate or fresh; cloudy or dull, some showers; visibility fair; moderate temperature.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Wind South-West to West moderate or fresh; cloudy or dull, some rain; visibility fair; moderate temperature.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland	Wind between South and West fresh or strong; dull, some rain; visibility fair; moderate temperature.	
19. S.E. Ireland 20. S.W. Ireland	As for 6-10	

E/B

SYNOPTIC CHART FOR MORNING OF Tuesday, 5TH APRIL, 1921.



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AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION....TUESDAY, 5TH APRIL.....1921. No 95

Observations at 0100 G.M.T. ....5th.....

STATIONS.	Barom. at M.S.L. in.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1003·0	-8	SW	6	R-	40	75	4	4000	St	7	-	7	*
Stornoway	1012·8	-3	SW	5	rr	*	*	5	*	*	*	*	*	*
Wick	1010·1	-6	SW	2	co	42	85	8	-	-	-	Ci	4	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1018·8	-3	WSW	4	d_0d_0	47	97	6	450	St	10	-	10	*
Renfrew	1019·7	-4	SW	4	d_0d_0	45	85	6	1500	St	10	-	10	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1021·4	-3	SSW	4	co	39	85	6	4000	St	7	-	7	*
Tynemouth	1021·8	-2	W	2	co	43	75	7	-	-	-	-	-	*
Blacksod Point ...	1024·0	0	S.W.	4	Ro	50	92	7	800	St	10	-	10	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1026·2	0	W	2	bc	45	85	8	-	-	-	A.St	3	*
Holyhead	1025·1	-1	SW	4	bc-	*	*	8	-	-	-	-	-	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	1023·9	-1	SW	1	bc+	39	92	7	4000	St.Cu	5	-	5	*
Spurn Head	1023·3	0	W	3	bc	43	92	7	-	-	-	-	-	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1025·2	0	W	1	bc	37	92	7	-	-	-	-	-	*
Gorleston	1024·3	+1	WNW	2	co+	42	85	8	-	St.Cu	9	-	9	*
Pulham														*
Felixstowe	1025·3	+1	NNW	3	bc-	42	85	7	4000	St.Cu	3	-	3	*
Valencia (Cahirciveen)	1029·7	0	WSW	2	bc	49	*	*	*	*	*	*	*	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St.Ann's H.)	1028·1	0	W	1	bc	47	85	9	-	-	-	-	-	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London	1026·1	0	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1026·9	0	W	1	bc	34	92	5	-	-	-	-	-	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1025·5	0	N	2	bc	36	92	8	-	-	-	-	-	*
Scilly (St. Mary's) ...	1029·1	0	N	2	bc	46	92	8	-	-	-	-	-	*
Falmouth	1029·2	0	NNW	2	bc	41	85	8	-	-	-	-	-	*
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1026·2	+2	N	3	bc	49	92	8	-	-	-	-	-	*
Calshot	1027·3	+1	NW	2	co	41	85	8	-	-	-	A.St	10	*
Dungeness	1024·7	0	N	2	bc-	38	97	9	-	?	-	?	2	*
Jersey (Guernsey Ih.)	1027·6	+2	N	3	bc	46	85	7	-	-	-	-	-	*

Observations at 0700 G.M.T. ....5th.....

STATIONS.	Barom. at M.S.L. in.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1009·3	+9	N	4	*	42	85	6	2500	Nb	10	-	10	4
Stornoway	1015·0	+4	W	3	co-	48	86	6	1500	St	7	A.Cu	8	0
Wick	1011·6	+3	WNW	3	co/r	45	97	6	7250	St.Cu	10	-	10	1
Castlebay	1017·9	+2	WNW	4	r_0r_0	50	97	6	800	Nb	10	-	10	5
Nairn	1014·3	*	W	2	cg	48	*	*	*	*	*	*	*	*
Aberdeen	1014·7	+2	SE	1	co	46	92	6	1500	St	9	-	9	
Malin Head	1019·9	+2	W	4	r_0r_0	48	97	4	450	St	10	-	10	4
Renfrew	1018·1	+1	W	2	r_0r_0	48	92	6	1500	Nb	10	-	10	0
Leith	1016·4	-1	SW	4	c	49	*	*	*	*	*	*	*	2
Eskdalemuir	1019·5	0	SW	4	dd	42	97	3	1500	Nb	10	-	10	*
Tynemouth	1018·4	-2	W	4	co	48	75	6	5750	St.Cu	10	-	10	0
Blacksod Point ...	1023·5	+3	S.W.	3	Ro	49	92	6	-	-	-	Ci.St	10	2
Donaghadee	1021·6	+1	W	3	d_0	48	92	8	5750	St.Cu	10	-	10	1
Birr Castle	1026·4	*	SW	2	co+	47	92	6	-	-	-	A.St	10	*
Baldonnell	1026·0	0	SSW	4	co	46	92	7	800	St	10	-	10	*
Holyhead	1024·9	-1	SW	5	co/r	47	92	7	1500	St	8	A.St	10	1
Liverpool (Bidston) ...	1023·9	0	WNW	4	co+	46	85	8	2500	St	10	-	10	3
Manchester (Alex.Pk.)	1024·3	-1	WSW	2	co	45	85	6	2500	St.Cu	10	-	10	*
Howden	1022·3	-1	SW	2	co	45	85	5	4000	St	7	A.St	9	*
Spurn Head	1021·9	-2	WSW	4	co+	44	92	8	2500	St	3	A.Cu	7	1
Nottingham	1024·3	*	SW	2	bc+	44	85	4	-	-	-	Ci	4	*
Cranwell	1024·3	0	WSW	2	co	41	92	7	4000	St.Cu	4	A.Cu	8	0
Gorleston	1023·5	0	W	3	bc-	37	85	7	-	-	-	Ci.St	4	*
Pulham	1024·6	0	W	2	bc-	33	85	6	2500	St.Cu	2	A.St	3	0
Felixstowe	1025·8	+1	NW	3	bc+	40	85	7	2500	Cu	1	Ci	2	
Valencia (Cahirciveen)	1029·2	+1	WSW	3	co	50	85	8	1500	St.Cu	10	-	10	1
Roches Point	1029·0	0	WNW	2	bc+	47	92	8	-	-	-	A.Cu	3	0
Pembroke (St.Ann's H.)	1028·5	0	NW	3	co+	47	85	8	5750	St.Cu	8	-	8	3
Ross-on-Wye	1026·4	0	WNW	1	co+	43	85	8	4000	St.Cu	1	Ci.St	8	*
Benson...	1026·7	0	WSW	1	co+	37	85	8	-	St.Cu	8	Ci	9	*
S. Farnborough ...	1026·9	0	W	1	bc	35	75	8	1500	St	1	Ci	2	*
London	1026·6	+1	WSW	1	fb-	38	85	5	-	-	-	Ci.St	2	*
Croydon	1027·0	0	WSW	2	bc	40	8	5	-	-	-	Ci	1	
Clacton-on-Sea ...	1026·4	+1	WNW	3	bc	38	85	6	-	-	-	Ci	3	0
Shoeburyness	1025·7	+1	W	1	fb-	41	65	3	-	-	-	-	-	0
Grain	1026·2	0	W	1	bc	40	85	6	-	-	-	Ci	2	0
Lympne	1025·9	+1	NW	1	bc	37	65	9	-	-	-	Ci	1	
Scilly (St. Mary's) ...	1029·2	0	NW	2	bc-	47	85	8	4000	Cu	2	Ci	5	4
Falmouth	1028·9	+2	NNW	2	bc	44	92	7	-	Nb	1	Ci.St	2	0
Plymouth	1028·7	+1	-	0	bc-	38	97	5	-	-	-	-	-	0
Portland Bill	1027·7	+2	NE	1	bc	48	92	8	-	-	-	-	-	0
Calshot	1027·5	0	SW	2	bc-	38	92	8	-	-	-	Ci	1	0
Dungeness	1025·5	+1	NNW	2	bc	37	97	5	-	-	-	-	-	0
Jersey (Guernsey Ih.)	1027·9	0	N	1	bc	41	92	8	-	-	-	-	-	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR.....

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 3rd-4th mm.	Rainfall.† Day 9h.-18h 4th mm.	Sunshine. Sunrise to 17h. 4th hr.	Sunshine. Sunrise to Sunset. 3rd hr.
Banff	cbc	co	50	37	02	-	5.7	6.0
Montrose	bc	bc	52	35	-	-	4.4	?
Llandudno	c	c	50	42	-	-	2.3	3.1
Colwyn Bay ...	b	b	53	40	-	-	5.8	5.7
Rhyl...	bc	cbc	50	48	-	-	6.0	4.0
Southport	cbc	pcc	50	46	-	-	6.0	4.3
Blackpool	c	bc	52	43	-	-	3.8	1.8
Harrogate	bbc	bcc	50	34	-	-	3.7	7.0
Skegness	b	bcco	53	38	-	-	5.6	7.2
Aberystwyth ...	ocb	bbc	49	43	-	-	7.0	5.5
Bath	ocbcb	bcco	53	37	-	-	2.9	8.3
Leamington Spa ...	cb	bc	50	37	-	-	2.0	7.5
Lowestoft	bcb	b	53	42	-	-	10.5	10.1
Felixstowe	b	bc	56	42	-	-	9.3	10.0
Southend	cbc	bc	57	42	-	-	10.1	7.0

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h 3rd-4th mm.	Rainfall.† Day 9h.-18h 4th mm.	Sunshine. Sunrise to 17h. 4th hr.	Sunshine. Sunrise to Sunset. 3rd hr.
Ilfracombe	bbcc	cbcc	52	45	-	-	5.0	6.4
Bude	b	b	51	44	-	-	6.4	3.5
Penzance	bc	bc	53	45	-	-	6.6	5.3
Torquay	b	bbcy	54	42	-	-	7.2	8.3
Weymouth	bc	bc	59	42	-	-	9.0	8.0
Bournemouth ...	bc	bbc	55	38	-	-	7.5	8.0
Portsmouth (S'thsea)	-	-	55	41	-	-	10.5	10.4
Worthing	b	b	56	43	-	-	9.8	9.9
Brighton	b	b	56	45	-	-	10.7	10.5
Eastbourne ...	bbc	bc	56	45	-	-	8.8	10.8
Hastings	bbc	bc	55	45	-	-	9.3	10.1
Folkestone	bc	bc	56	44	-	-	8.2	8.3
Tunbridge Wells ...	bbc	bcb	56	42	-	-	9.4	9.3
Ramsgate	b	b	52	44	-	-	10.3	7.5
Margate	b	b	53	45	-	-	10.3	

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 21.685 Wednesday 6th April 1921.

Observations at 1300 G.M.T. 5th

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1016.9	+6	N	3	bc-	41	85	8	-	-	-	A.Cu	2	
Stornoway	1018.8	+3	N	2	co+	53	75	7	450	St	10	-	10	
Wick	1017.7	+7	NE	2	do.	45	97	7	800	St	10	-	10	
Castlebay	1021.6	+2	N	4	ffo	50	97	5	800	St	10	-	10	
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1018.5	+5	NW	4	bc-	56	65	8	2500	Cu	6	-	6	
Malin Head	1023.0	+4	WSW	3	co/r	50	97	6	5750	St.Cu	9	-	9	
Renfrew	1021.3	+3	W	3	co	54	85	8	1500	St.Cu	9	-	9	
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1020.8	+1	WNW	4	co-	52	85	8	2500	St	8	Ci.St	9	
Tynemouth	1019.6	+2	W	4	co	55	75	7	7250	St.Cu	8	-	8	
Blacksod Point														
Donaghadee	1024.1	+3	WNW	3	co	54	85	8	5750	St.Cu	7	-	7	
Birr Castle	1027.4	*	SW	2	co	53	75	8	2500	-	-	A.St	9	
Baldonnell	1026.6	+1	WNW	4	co	56	75	8	4000	St.Cu	10	-	10	
Holyhead	1026.0	+1	WSW	4	co	52	85	6	-	-	-	A.St	10	
Liverpool (Bidston)	1024.3	+1	W	5	co	48	92	5	4000	Nb	10	-	10	
Manchester (Alex. Pk.)	1024.4	0	NW	3	do.	49	92	5	800	St	10	-	10	
Howden	1021.8	-1	W	5	co	50	92	5	800	St	8	A.St	10	
Spurn Head	1020.4	-1	WNW	5	co	52	85	7	4000	Cu	7	-	7	
Nottingham	1023.8	*	W	3	r+	50	85	3	5750	Nb	7	Ci.St	10	
Cranwell	1024.3	-1	W	4	do.	50	97	6	800	Nb	10	-	10	
Gorleston	1022.2	-2	NW	5	co+	53	55	7	-	-	-	A.Cu	10	
Pulham	1024.1	-1	W	5	co+	53	65	7	2500	St	10	-	10	
Felixstowe	1023.7	-2	NW	5	co/r	54	65	8	4000	St.Cu	7	A.St	10	
Valencia (Cahirciveen)	1030.2	+1	WSW	3	co+	52	85	8	1500	St.Cu	10	-	10	
Roches Point	1027.8	+1	WNW	2	co	53	75	8	1500	St.Cu	10	-	10	
Pembroke (St. Ann's H.)	1028.9	0	W	3	bc-	50	85	8	4000	-	-	A.Cu	3	
Ross-on-Wye	1026.0	0	NW	2	co	55	75	9	4000	St.Cu	9	A.St	10	
Benson	1025.7	-2	WNW	3	co	53	65	7	-	St.Cu	10	-	10	
S. Farnborough	1025.5	-2	W	3	co	59	55	8	4000	Cu	4	Ci	8	
London	1025.0	-3	WNW	3	co+	55	56	8	5750	St.Cu	6	Ci.St	9	
Croydon	1025.6	-2	W	4	co	55	65	8	4000	St.Cu	4	Ci.St	9	
Clacton-on-Sea														
Shoeburyness	1024.4	-2	WNW	3	co+	56	55	8	4000	St.Cu	7	Ci.St	9	
Grain	1024.3	-2	W	4	co	58	55	6	-	-	-	A.St	9	
Lympne	1024.1	-3	WNW	3	co+	53	65	9	5750	St.Cu	3	A.St	10	
Scilly (St. Mary's)	1030.4	+2	NW	3	fo	52	92	6	800	St.Cu	10	-	10	
Falmouth	1030.0	+1	NW	3	co	51	75	8	-	St.Cu	10	-	10	
Plymouth	1029.0	+1	NW	3	co	51	75	8	2500	St.Cu	10	-	10	
Portland Bill	1027.7	0	NNW	3	bc	49	92	8	-	-	-	Ci.Cu	3	
Calshot	1026.4	-1	NW	4	co+	55	65	8	4000	St.Cu	8	Ci.Cu	9	
Dungeness	1024.8	-2	WSW	3	co+	52	97	8	-	-	-	-	8	
Jersey	1028.7	0	W	3	bc	53	65	8	1500	St.Cu	1	Ci	2	

Observations at 1800 G.M.T. 5th

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1021.0	+4	N	3	bc	39	75	8	-	-	-	A.Cu	2	1
Stornoway	1020.0	+3	W	2	co	51	92	6	450	St	10	-	10	
Wick	1021.0	+4	ESE	1	co	44	97	8	1500	St	10	-	10	0
Castlebay	1024.0	+3	W	4	ffo	50	97	5	800	St	10	-	10	4
Nairn	1020.6	*	W	1	c	53	*	*	*	*	*	*	*	
Aberdeen	1022.0	+5	ENE	2	co+	49	85	8	2500	St.Cu	9	-	9	0
Malin Head	1026.0	+2	WSW	3	co	49	97	7	5750	St.Cu	10	-	10	1
Renfrew	1023.5	+3	WNW	3	ifb	53	75	7	2500	St.Cu	9	-	9	*
Leith	1021.4	*	W	3	c	55	*	*	*	*	*	*	*	*
Eskdalemuir	1022.5	+3	-	0	co	50	85	8	1500	St	9	-	9	*
Tynemouth	1021.3	+2	WNW	2	co	56	75	7	2500	CuNb	7	-	7	1
Blacksod Point	1028.2	+2	SW	2	co	52	92	7	-	-	-	Ci.St	10	0
Donaghadee	1025.4	+1	WNW	2	co	55	85	8	5750	St.Cu	5	A.Cu	8	1
Birr Castle	1028.7	+4	W	1	co	53	85	8	4000	Nb	6	-	6	
Baldonnell	1027.9	+1	NW	1	co	53	75	8	4000	St.Cu	10	-	10	*
Holyhead	1026.5	+1	W	5	co	51	85	8	-	-	-	A.Cu	8	1
Liverpool (Bidston)	1025.4	+2	W	3	co	49	85	8	2500	St.Cu	6	Ci.St	10	
Manchester (Alex. Pk.)	1024.9	+1	NW	4	co-	52	85	5	2500	Cu	7	-	7	
Howden	1023.0	+3	SW	3	r.r.	53	85	6	1500	St.Cu	10	-	10	
Spurn Head	1022.2	-2	W	4	do	50	92	6	4450	St	10	-	10	1
Nottingham	1024.5	*	W	3	co/r	52	85	3	4000	Nb	5	A.Cu	8	*
Cranwell	1023.6	+1	WNW	1	co+	53	85	6	1500	St	9	A.St	10	
Gorleston	1021.9	0	NW	2	fo+	51	75	5	7250	St.Cu	10	-	10	0
Pulham	1023.1	+1	W	2	bc/r	52	85	5	2500	St	10	-	10	
Felixstowe	1023.3	+1	NW	4	co/r	50	92	7	1500	St	10	-	10	1
Valencia (Cahirciveen)	1030.1	0	WSW	3	co-	51	85	8	1500	St.Cu	8	-	8	3
Roches Point	1029.8	0	WNW	1	co	53	85	8	1500	St.Cu	10	-	10	0
Pembroke (St. Ann's H.)	1028.6	0	-	0	bc-	49	92	8	5750	St.Cu	3	Ci.St	4	3
Ross-on-Wye	1026.3	0	NW	2	co	52	85	9	2500	St.Cu	10	-	10	
Benson	1025.3	0	NW	4	co	53	75	8	-	St.Cu	10	-	10	
S. Farnborough	1025.1	0	WNW	3	co	54	75	8	1500	St.Cu	10	-	10	
London	1024.8	0	WNW	2	co/r	54	75	6	4000	St.Cu	10	-	10	*
Croydon	1025.0	0	WNW	3	co/r	53	75	7	2500	St.	10	-	10	
Clacton-on-Sea	1023.4	0	WNW	3	co+	52	85	7	1500	St	10	-	10	0
Shoeburyness	1023.8	-1	NW	1	co	53	75	7	2500	Cu	6	A.St	10	*
Grain	1024.0	0	WNW	3	co	53	75	7	2500	St.Cu	10	-	10	0
Lympne	1024.7	+2	NW	3	r.r.	50	85	6	800	Nb	10	-	10	*
Scilly (St. Mary's)	1029.5	-1	NW	3	bc-	50	92	8	4000	Cu	4	-	4	4
Falmouth	1029.7	-1	NW	4	bc-	50	85	8	-	St.Cu	3	-	3	*
Plymouth	1029.9	+1	NNW	1	co	52	85	8	2500	St.Cu	10	-	10	
Portland Bill	1025.9	-2	NW	4	bc+	49	92	8	1500	St.Cu	5	-	5	3
Calshot	1025.4	0	NW	4	co-	54	75	8	5750	St.Cu	4	A.Cu	8	1
Dungeness	1023.5	-2	-	0	r.	53	97	8	-	?	10	-	10	1
Jersey	1027.7	0	W	3	bc	51	75	8	1500	St.Cu	1	Ci	2	0

London Observations

	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 hours ended 0900 G.M.T. 6th							Yesterday.	To-day.	
Kew	bc	bc	c	*	*	46	-	6.7	*	*
Croydon (24 hours ended 0700)	oo	p	c oo	*	*	49	-	-	*	*
Greenwich (Royal Obsy.)	o	o	o d p.o.	59	48	45	-	6.0	65	81
City (Bunhill Row)	*	*	*	*	*	*	-	2.9	*	*
Westminster (St. James' Pk.)	*	*	*	59	49	45	-	4.5	69	80
Camden Sq. (Brit. Rainfall)	*	*	*	*	*	*	*	4.6	*	*
Kensington Palace	bc	o	*	60	47	45	-	*	64	79
Hampstead Observatory	bc.c	o	*	58	47	45	-	*	74 (18h.)	81
	*	*	*	56	44	*	-	6.1	*	83

Atmospheric Pollution. Lbs. of Solid impurity per million cubic yards.

24 Hr. ended 1800 G.M.T. 5th

South Kensington

Max.	Time.	Min.	Time.
-	-	-	-

Kew Observatory

Max.	Time.	Min.	Time.
½	2300.4h	4½	1200.4h
1	0700.5h		

Solar Radiation. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total 1108 joules

Average Rate 23.5 Milliwatts.

Maximum Rate 65 Milliwatts.

Pole Star Record at Greenwich Obsy.

Exposure from 19 h. 45 m. to 4 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	8.30	0.28	5
Ursae Minoris	8.30	0.27	5

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.

6th and 7th April 1921.

Stations.	Sunrise.	Noon.	Sunset
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.18	11.56	6.33
	5.15	11.55	6.35
Greenwich	6.27	12.3	6.39
	5.25	12.2	6.40
Wick	5.29	12.15	7.1
	5.26	12.14	7.3
Valencia	6.8	12.44	7.19
	6.5	12.43	7.21

Beaufort Notation of Weather

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, *i.e.*, rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from proceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; – = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0–5; co = cloud 6–10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
r. = continuous moderate rain.
r.r. = continuous light rain.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Sea Disturbance.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1– 3	0·5– 1·5
2	4– 7	1·6– 3·3
3	8–12	3·4– 5·4
4	13–18	5·5– 7·9
5	19–24	8·0–10·7
6	25–31	10·8–13·8
7	32–38	13·9–17·1
8	39–46	17·2–20·7
9	47–54	20·8–24·4
10	55–63	24·5–28·4
11	64–75	28·5–33·5
12	Above 75	33·6 or above

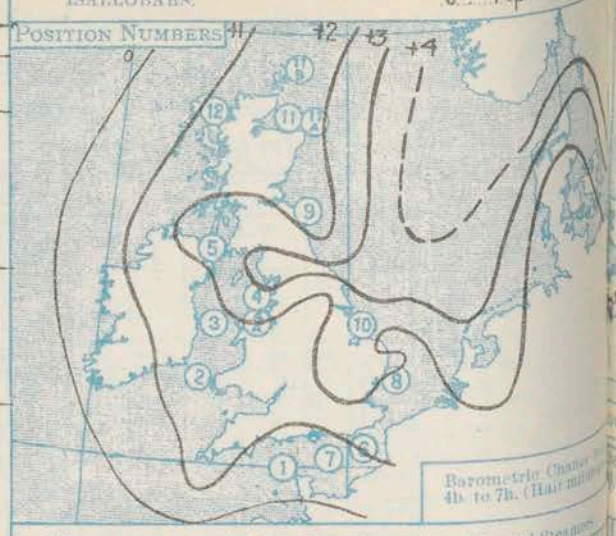
* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 5th	13h.-18h. 5th	18h.-1h. 5th to 1h. 6th	1h.-7h. 6th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL. Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	SUN. Hours.
Lerwick	b or bc	b or bc	b or bc	o o	47	38	*	–	–	–	*
Stornoway	c	c	b or bc	c	53	44	*	trace	–	–	0.1
Wick	r or d	r or d	r or d	o o	49	42	*	0.4	1	12.30	*
Castlebay	p	f or m			51	48	*	–	–	–	0.0
Nairn	cg	cg	c b p bc		56	41	*	–	1	*	2.0
Aberdeen	c	c	o o		57	45	42	–	–	–	4.8
Malin Head	r or d	0.0	c	o o	51	47	*	0.4	–	–	0.0
Renfrew	o o	0.0	c	b or bc	56	38	28	?	.	13.30	1.7
Leith	c b c c	b	c sm c		58	47	44	–	–	*	*
Eskdalemuir	o o	r or d	b or bc	b or bc	53	43	36	0.5	–	–	0.1
Tynemouth	c	c	c	c	57	47	*	–	–	–	*
Blacksod Point ...		c		c	55	47	*	–	–	–	*
Donaghadee	c	c	c		58	44	*	–	–	–	*
Birr Castle	c	c	o o		55	46	44	–	–	–	1.7
Baldonnell	c	0.0	c	o o	58	43	34	–	–	–	2.0
Holyhead	r or d	c	o o	o o	54	46	42	1	–	–	0.3
Liverpool (Bidston) ...	p	0.0	o o		51	45	39	–	–	–	0.2
Manchester (Alex. Pk.)	r or d	c	f or m		52	36	29	0.3	.	--	*
Howden	r or d.	0.0	o o	o o	55	46	43	1	Trace	9.0	0.5
Spurn Head	c	c	c	o o	49	42	42	–	0.4	11.0	*
Nottingham	r or d	r or d	o o		53	48	46	2	–	9.0	1.2
Cranwell	r or d.	c	o o	c	54	48	46	0.1	–	–	3.0
Gorleston	c	r or d	b or bc	F	56	45	42	–	–	14.30	4.8
Pulham	p	r or d	r or d	c	55	41	32	0.3	0.4	13.30	4.3
Felixstowe	p	r or d	r or d	b or bc	56	40	42	–	Trace	13.30	4.7
Valencia (Cahirciveen)	0.0	c	b or bc	o o	53	48	46	–	–	–	1.0
Roches Point	c	0.0	o o		54	48	*	–	–	–	*
Pembroke (St. Ann's H.)	b or bc	b or bc	o o	c	52	47	*	–	–	–	7.7
Ross-on-Wye	c	o o	c		56	40	32	–	–	–	1.6
Benson...	b or bc	p	o o		55	42	34	0.1	–	16.30	*
S. Farnborough ...	c	r or d	o o		60	48	45	trace	–	14.30	6.8
London	b or bc	r or d	c		57	50	46	–	–	–	6.7
Croydon	0.0	p	c	o o	57	49	49	–	–	[illegible]	*
Clacton-on-Sea ...	*	c	r or d		58	47	43	–	0.6	–	6.1
Shoeburyness	b or bc	0.0	o o		58	43	33	–	–	–	5.6
Grain	c	0.0	o o		57	40	36	–	–	–	5.1
Lympne	b or bc	0.0	o o	o o	55	45	44	trace	Trace	16.30	6.2
Scilly (St. Mary's) ...	c	b or bc	b or bc	b or bc	54	46	*	–	–	–	6.9
Falmouth	c	b or bc	b or bc	b or bc	55	43	41	–	–	–	6.2
Plymouth	o o	c	c		?	?	?	–	Trace	?	?
Portland Bill	b or bc	c	b or bc	b or bc	53	43	*	–	*	–	*
Calshot	c	o o	c	o o	58	46	45	–	–	–	8.1
Dungeness	c	0.0	p	c	54	47	*	trace	Trace	16.30 0130	*
Jersey	b or bc	b or bc	b or bc	b or bc	55	47	*	–	–	–	9.7

ISALLOBARS. 6th April



Temperature reported from Cross Channel and Coastal Steamers.

Position Number.	12	5	4	3	1	8	2	7
Date	5th	5th	5th	5th	5th	5th	6th	6th
Time G.M.T.	0330	0735	0435	1000	1200	1325	0220	0150
Sea °F.	47	46	46	47	50	47	47	48
Air °F	47	49	47	54	49	48	48	51

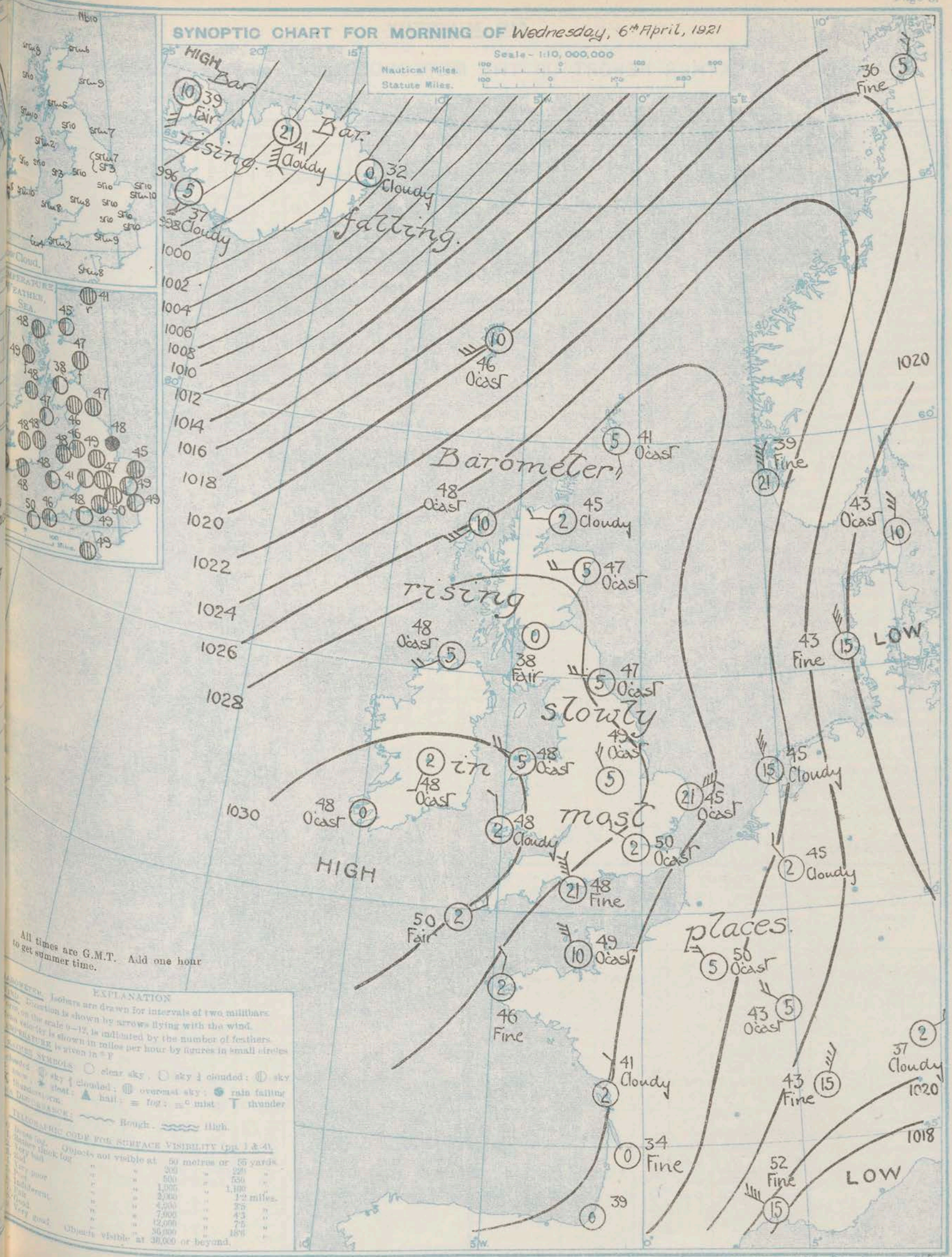
GENERAL INFERENCE.

The British isles as a whole will continue under the influence of the anticyclone extending over from the South-Westward and the weather will remain dry generally although with a considerable amount of cloud.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Wind between North-West and North-East, light or moderate; sky mainly cloudy or overcast, some brighter intervals. Visibility fair. Moderate temperature.	Continuing dry generally, with some increase of temperature.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Wind light or moderate from some Westerly point. Sky mainly cloudy, brighter intervals. Visibility fair or good. Moderate temperature.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind West or South-West, light or moderate; much cloud, some local showers; visibility fair. Moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind light variable; fair to cloudy; visibility fair. moderate temperature.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.00

G. C. SIMPSON, F.R.S., Dir.



All times are G.M.T. Add one hour to get summer time.

EXPLANATION

PRESSURE. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind. Mean velocity is shown by the number of feathers.
TEMPERATURE is given in ° F.
WEATHER SYMBOLS. clear sky; sky ½ clouded; sky clouded; sky clouded; overcast sky; rain falling; snow; sleet; hail; fog; mist; thunderstorm; thunder.
SEA DISTURBANCE: Rough. High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (pp. 3 & 4).

0	Dense fog.	Objects not visible at	50	metres or	55	yards
1	Thick fog	"	200	"	220	"
2	Very thick fog	"	500	"	550	"
3	Very bad	"	1,000	"	1,100	"
4	Very poor	"	2,000	"	1·2 miles.	
5	Indifferent	"	4,000	"	2·5	"
6	Poor	"	7,000	"	4·3	"
7	Good	"	12,000	"	7·5	"
8	Very good	"	30,000	"	18·6	"
9		Objects visible at	30,000	or beyond.		

H.M. Stationery Office Press, Kingsway, W.C.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION ... Wednesday 6th April ... 1921. No. 96

Observations at 0100 G.M.T. ... 6th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1025.4	+2	-	0	bc.	33	86	8	-	-	-	-	•	
Stornoway	1024.5	+3	NW	2	bc-	*	*	4	*	*	*	*	*	*
Wick	1023.8	+1	S	2	d.	44	94	5	800	St	10	-	10	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1024.1	0	SSW	2	co	47	97	7	5750	St Cu	10	-	10	*
Renfrew	1026.7	+2	WSW	2	bc	46	92	7	4000	St	5	-	5	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1026.6	+1	NW	4	bc	44	95	7	4000	St	5	-	5	*
Tynemouth	1025.9	+2	WNW	2	co	50	95	7	-	-	-	Cu St	10	*
Blacksod Point ...														*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1029.4	+2	-	0	co+	48	85	8	1500	St	10	-	10	*
Holyhead	1028.6	+1	NW	2	co+	*	*	8	1500	St Cu	9	-	9	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	1025.8	+1	-	0	co+	47	92	7	2500	St	10	-	10	*
Spurn Head	1025.0	+2	N	4	co	48	85	7	-	-	-	A St	10	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1026.9	+1	NNW	1	bc-	49	92	8	2500	St Cu	4	-	4	*
Gorleston	1024.1	+2	N	2	fo	46	97	2	-	-	-	Cu St	10	*
Pulham	1024.4	0	WNW	1	co/r	50	97	4	1500	St	6	-	6	*
Felixstowe	1027.9	+1	NNW	3	co/r	50	97	7	4000	St Cu	10	-	10	*
Valencia (Cahirciveen)	1031.7	0	-	0	bc	49	*	*	*	*	*	*	*	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1029.7	+1	N	1	co+	49	85	9	-	-	-	-	-	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London	1025.3	0	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1026.0	0	NW	2	co	50	92	6	2500	St	10	-	10	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1024.8	0	N	3	fo	48	97	7	800	Nb	10	-	10	*
Scilly (St. Mary's) ...	1030.0	0	N	2	bc	49	97	8	-	-	-	-	-	*
Falmouth	1029.5	~~+1~~	NW	3	bc	45	97	8	-	St Cu	1	-	1	*
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1027.6	+2	NNW	4	bc-	49	92	8	-	-	-	Ci Cu	2	*
Calshot	1026.9	0	NNW	4	bc-	49	92	8	4000	St	1	-	1	*
Dungeness	1024.4	+1	N	2	bc/r	51	97	6	2500	St	10	-	10	*
Jersey (Guernsey Th.)	1028.2	+1	NNW	3	bc	47	92	8	-	-	-	-	-	*

Observations at 0700 G.M.T. ... 6th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	1026.2	+2	S	2	co	41	75	6	-	Nb	10	-	10
Stornoway	1026.0	+1	SW	3	co	48	85	6	4000	St Cu	9	-	9
Wick	1025.8	+2	W	1	co-	45	92	8	7250	St Cu	6	A. Cu	8
Castlebay	1027.4	+1	SW	3	ffo	49	97	5	450	St	10	-	10
Nairn	1027.0	*	-	0	bc	46	*	*	*	*	*	*	*
Aberdeen	1027.8	+2	W	2	ffo	47	92	5	4000	St Cu	9	-	9
Malin Head	1028.6	+2	SW	2	co	48	97	6	5750	St Cu	10	-	10
Renfrew	1029.3	+3	-	0	fb-	38	97	3	4000	St Cu	5	-	5
Leith	1028.3	+1	WSW	2	c	47	*	*	*	*	*	*	*
Eskdalemuir	1028.8	+3	NW	2	co+	46	85	8	4000	St	10	-	10
Tynemouth	1027.9	+2	WNW	2	co	47	85	6	4000	St Cu	7	-	7
Blacksod Point ...	1028.6	+1	S	1	bc-	49	92	7	800	St Cu	2	A Cu	5
Donaghadee	1029.7	+2	-	0	do-	47	85	8	5750	St Cu	2	A Cu	6
Birr Castle	1030.6	*	SSW	1	co+	48	97	5	450	St	10	-	10
Baldonnell	1030.7	+1	WSW	1	co	48	92	7	450	St	10	-	10
Holyhead	1030.0	+2	WNW	2	co	48	92	8	1500	St	3	A St	10
Liverpool (Bidston) ...	1029.1	+2	NW	1	co+	46	85	8	5750	St Cu	5	A Cu	10
Manchester (Alex.Pk.)	1029.5	+3	SE	1	ffo	42	97	2	<150	St	10	-	
Howden	1028.0	+2	NW	1	co	48	92	6	4000	St Cu	10	-	10
Spurn Head	1028.0	+3	N	2	do	48	85	7	1500	St	5	Ci Cu	9
Nottingham	1028.4	*	NNW	2	co+	49	95	3	4000	St Cu	8	Ci St	10
Cranwell	1028.0	+5	N	1	co	48	92	6	1500	St	10	-	10
Gorleston	1026.9	+2	ENE	5	co/f	45	92	8	5750	St	10	-	5
Pulham	1026.7	+2	-	0	bc	44	92	5	4000	St Cu	4	A Cu	10
Felixstowe	1027.2	+4	NNE	3	co+	46	92	6	2500	St Cu	10	-	9
Valencia (Cahirciveen)	1030.5	0	-	0	co	48	92	8	1500	St Cu	9	-	10
Roches Point	1031.0	+1	-	0	co	48	97	6	4000	St Cu	10	-	8
Pembroke (St. Ann's H.)	1030.3	+1	N	1	co-	48	92	9	4000	St Cu	8	-	8
Ross-on-Wye	1028.9	+1	NW	1	co-	41	92	9	5750	St Cu	8	-	10
Benson	1028.2	+2	NNW	2	co	47	85	6	-	St	10	-	10
S. Farnborough ...	1027.6	0	NNW	2	co	49	85	7	1500	St	10	-	10
London	1027.5	+3	NW	1	co	50	85	~~8~~ 6	4000	St	10	-	10
Croydon	1027.5	+2	NNW	2	co	50	85	5	1500	St	10	-	5
Clacton-on-Sea ...	1026.3	+2	N	3	bc/f	49	92	5	-	-	-	A Cu	9
Shoeburyness	1026.4	+2	N	2	ffo	50	85	5	2500	St Cu	9	-	10
Grain	1011.1	+2	NW	1	co	49	92	5	4000	St Cu	10	-	10
Lympne	1026.1	+2	N	4	co	48	97	6	800	St	10	-	4
Scilly (St. Mary's) ...	1030.0	0	ENE	1	bc	50	92	8	4000	Cu	4	-	6
Falmouth	1029.2	+2	NW	2	~~co~~ bc	46	~~55~~ 97	~~47~~ 7	-	St Cu	2	A Cu	9
Plymouth	1029.0	+2	-	0	co	45	92	8	1500	St Cu	6	A Cu	2
Portland Bill	1027.6	0	NNW	5	bc	48	92	8	-	-	-	A Cu	8
Calshot	1027.7	+1	NNW	3	co-	49	85	7	7250	St Cu	9	-	7
Dungeness	1025.7	+2	NNE	2	co+	49	97	6	-	?	?	?	8
Jersey (Guernsey Th.)	1027.7	0	NNW	3	co	49	92	8	1500	St Cu	8	-	

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR ... 5th April

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 4th-5th mm.	Rainfall.† Day 9h.-18h 5th mm.	Sunshine. Sunrise to 17h. 5th hr.	Sunshine. Sunrise to Sunset. 4th hr.
Banff	o.c	ocbcc	52	43	-	-	1.9	5.7
Montrose	cbc.o		60	42	-	-	1.8	4.4
Llandudno	dddd		52	45	0.3	0.1	0.0	2.3
Colwyn Bay ...	bc.d	d.bc	52	44	-	1	0.0	5.8
Rhyl	cpc	c	52	48	0.0	0.1	0.0	6.0
Southport	rooc		50	44	1	0.4	0.2	6.3
Blackpool	or	bc	53	45	2	0.4	1.7	3.8
Harrogate	opg o	ocbc	54	38	0.1	3	1.0	3.7
Skegness	g	o	55	34	-	-	0.8	5.6
Aberystwyth ...	ocr	roo	49	46	1	-	0.0	7.0
Bath	b.bc	bbcc.o	57	37	-	-	6.4	2.9
Leamington Spa ...	c.b	od	54	33	-	-	2.5	2.0
Lowestoft	bc.c.o	o	57	35	-	-	4.9	11.3
Felixstowe	b3	ogm	51	36	-	-	4.2	9.5
Southend	bc	bcc.o	58	34	-	-	5.8	10.5
Ilfracombe	c.o	ocbcb	51	44	-	-	3.5	5.5
Bude	wbcc.o	ocbc	53	35	-	-	6.2	7.3
Penzance	bc	bc	55	39	-	-	7.0	6.7
Torquay	bcbbc	bc.c	58	39	-	-	5.9	7.6
Weymouth	bbc	bc.c	58	38	-	-	9.5	9.6
Bournemouth ...	bbbbc		58	35	-	-	8.0	8.4
Portsmouth (S'thsea)	-	-	58	38	-	-	8.1	10.9
Worthing	b.bc	bc.c	57	36	-	-	8.1	11.8
Brighton	bc.c	c.o	56	38	-	-	7.1	11.0
Eastbourne	bbc	bocc.o	55	40	-	-	6.4	9.1
Hastings	b.bc	bccc.o	57	39	-	-	7.1	9.6
Folkestone	b	bc.o	57	39	-	-	7.5	9.2
Tunbridge Wells ...	b	c.o	?57	31	-	-	6.1	9.4
Ramsgate	-	-	55	36	-	-	5.1	10.8
Margate	b	o	55	42	-	-	4.7	10.3

‡ Information for these columns not usually received † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.21686 THURSDAY, 7TH APRIL, 1921.

Observations at 1300 G.M.T. 6th

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1027.0	+1	S	2	bc/f	46	92	5	4000	Cu	3	A.Cu	5	*
Stornoway	1026.9	+1	SW	2	Co	52	85	7	450	St	10	-	10	*
Wick	1027.4	+1	SSW	2	Co	53	65	8	2750	St.Cu	5	-	8	*
Castlebay	1028.6	+2	WSW	3	Co/f	49	85	6	800	St	5	-	7	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1029.0	0	SSE	3	Co+	53	75	7	4000	Cu	10	-	10	*
Malin Head	1029.1	0	SW	1	bc-	53	85	7	-	-	-	A.St	7	*
Renfrew	1030.0	0	WNW	2	Co	52	75	6	4000	St	6	-	10	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1029.3	0	-	0	Co	54	55	8	4000	St	10	-	10	*
Tynemouth	1029.7	+1	ENE	1	Co-	52	85	7	4000	Cu	2	-	8	*
Blacksod Point	1028.5	+1	WSW	2	Co+	50	97	8	2500	Cu	2	Ci.St	8	*
Donaghadee	1030.6	+1	-	0	bc	51	85	8	4000	St.Cu	10	-	10	*
Birr Castle	1030.0	*	SW	1	Co-	56	97	8	2500	St.Cu	8	-	8	*
Baldonnell	*	*	-	0	Co	56	75	7	4000	St	7	-	10	*
Holyhead	1030.7	0	NW	3	Co	51	85	8	2500	Cu	1	A.Cu	9	*
Liverpool (Bidston)	1029.9	+1	NW	1	bc-	52	75	7	4000	St.Cu	2	Ci	3	*
Manchester (Alex.Pk.)	1029.2	-1	-	0	~~Co~~	56	65	4	2500	~~St~~	~~2~~	A.Cu	10	*
Howden	1029.7	0	-	0	Co	53	85	6	2500	St.Cu	10	-	10	*
Spurn Head	1029.2	+1	N	3	Co	53	92	9	-	-	-	Ci.Cu	8	*
Nottingham	1029.9	*	E	2	Co	54	75	4	4000	St.Cu	7	Ci.St	10	*
Cranwell	1029.2	+1	NE	1	Co	55	75	8	2500	St.Cu	7	-	10	*
Gorleston	1028.4	+1	NE	2	Co-	47	75	8	4000	Cu	5	-	5	*
Felixstowe	1029.4	+1	NE	3	bc-	53	65	8	2500	Cu	1	-	1	*
	~~1029.5~~ 1028.9	+1	ENE	4	bc-	48	85	8	2500	Cu	4	-	4	*
Valencia (Cahirciveen)	1030.6	0	S	3	bc-	55	65	9	2500	St.Cu	2	-	4	*
Roches Point	1031.2	0	SSE	2	bc-	54	85	8	-	-	-	A.Cu	~~4~~ 10	*
Pembroke (St.Ann's H.)	1030.6	0	NE	1	Co+	55	65	8	4000	St.Cu	10	-	10	*
Ross-on-Wye	1028.4	-1	NNE	2	Co	60	55	9	4000	Cu	5	-	10	*
Benson	1028.8	+1	NE	1	Co	54	75	5	-	St	10	-	10	*
S. Farnborough	1030.3	0	NNW	3	Co	50	65	7	4000	St.Cu	8	A.Cu	9	*
London	1030.4	+2	NNE	3	Co	57	65	7	2500	St.Cu	10	-	10	*
Croydon	1028.4	0	ENE	3	Co/f	55	75	7	2500	St	5	-	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1028.7	+2	ENE	4	bc/f	50	75	7	4000	St.Cu	1	-	4	*
Grain	1029.1	+3	ENE	3	Co	48	75	8	4000	St.Cu	9	-	9	*
Lympne	1028.2	+3	NE	4	Co	48	85	9	1500	St	5	-	10	*
Scilly (St. Mary's)	1029.1	0	NE	2	bc	57	85	8	-	-	-	-	-	*
Falmouth	1029.6	0	SE	1	Co	55	65	8	-	St.Cu	10	-	10	*
Plymouth	1029.5	0	NNE	1	bc+	57	55	8	4000	St.Cu	8	-	8	*
Portland Bill	1027.6	0	NNW	3	bc	51	92	8	-	St.Cu	6	A.Cu	1	*
Calshot	1028.1	0	NE	3	Co+	59	75	7	4000	~~Cu~~	~~4~~	A.Cu	9	*
Dungeness	1028.0	+2	NE	4	Co	49	97	8	-	-	-	-	7	*
Jersey	1028.0	0	N	3	Co	56	75	8	1500	St.Cu	9	-	9	*

Observations at 1800 G.M.T. 6th

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1029.2	+3	S	1	Co-	47	92	5	7250	-	-	A.Cu	10	0
Stornoway	1028.0	+1	SW	3	Co-	51	75	7	1500	Cu.Nb	8	A.Cu	9	0
Wick	1028.3	+1	SW	2	Co	51	85	8	4000	St.Cu	10	-	10	0
Castlebay	1029.0	+1	SW	3	Co/f	50	85	6	1500	St	7	-	7	3
Nairn	1029.7	*	-	0	C	53	*	*	*	*	*	*	*	*
Aberdeen	1030.1	+2	S	2	Co+	50	85	7	5750	St.Cu	10	-	10	0
Malin Head	1029.9	+1	ENE	1	Co+	47	97	7	4000	St.Cu	9	-	9	0
Renfrew	1030.9	+2	-	0	Co	51	85	7	4000	St	7	-	10	*
Leith	1030.0	*	W	2	C	54	*	*	*	*	*	*	*	*
Eskdalemuir	1030.2	+1	NE	3	Co	51	75	7	4000	St.Cu	10	-	10	*
Tynemouth	1031.4	+1	SE	2	Co+	48	85	8	4000	Cu	8	-	8	1
Blacksod Point	1028.8	0	S	2	bc-	52	75	8	4000	Cu	4	A.Cu	8	1
Donaghadee	1030.7	0	-	0	Co	50	85	8	5750	St.Cu	10	-	10	0
Birr Castle	1030.0	*	SSE	1	Co+	55	75	8	-	-	-	A.St	9	*
Baldonnell	1030.8	0	-	0	Co	52	75	7	2500	St	7	-	10	*
Holyhead	1030.6	0	N	2	Co	50	92	9	-	-	-	A.Cu	7	0
Liverpool (Bidston)	1030.7	+1	NW	2	Co+	50	85	8	1500	Nb	4	A.Cu	7	*
Manchester (Alex.Pk.)	1029.6	+2	WNW	2	Co	52	75	5	2500	St.Cu	10	-	10	*
Howden	1030.6	+2	E	1	Co-	48	85	7	4000	St.Cu	3	A.Cu	10	*
Spurn Head	1029.7	0	NE	3	bc-	51	85	9	2500	St	2	-	2	1
Nottingham	1029.9	*	E	1	Co	53	75	4	4000	St.Cu	2	A.Cu	8	*
Cranwell	1030.2	+2	NE	1	bc-	51	75	8	4000	St	2	A.Cu	5	*
Gorleston	1028.8	+2	NE	5	Co+	45	75	7	4000	Cu	7	-	7	1
Felixstowe	1029.7	+1	NE	3	bc-	47	75	8	2500	Cu	1	-	1	*
	1029.4	+1	ENE	4	bc	45	85	8	-	-	-	-	-	1
Valencia (Cahirciveen)	1029.8	0	SSW	3	bc-	53	65	9	4000	St.Cu	1	-	3	1
Roches Point	1030.7	0	SE	1	bc-	53	75	8	-	-	-	-	-	0
Pembroke (St.Ann's H.)	1030.6	-1	ENE	3	Co-	51	85	8	4000	St.Cu	6	-	6	2
Ross-on-Wye	1028.7	0	E	3	Co	55	75	5	2500	St.Cu	6	-	10	*
Benson	1028.9	0	NE	1	bc-	54	65	8	-	-	-	-	-	*
S. Farnborough	1028.8	+1	N	2	Co-	56	65	8	1500	St.Cu	8	A.Cu	9	*
London	1029.9	+1	N	2	Co+	56	65	7	5750	St.Cu	9	-	9	*
Croydon	1028.6	+1	NE	2	Co-	52	85	5	5750	St.Cu	7	-	7	*
Clacton-on-Sea	1029.0	0	ENE	3	bc-	48	75	8	2500	Cu	2	-	2	1
Shoeburyness	1029.1	+1	NE	2	bc	46	75	7	4000	Cu	4	-	4	*
Grain	1029.3	0	ENE	3	bc	46	75	8	4000	St.Cu	3	-	3	0
Lympne	1029.0	+2	ENE	5	bc	44	85	8	-	-	-	-	-	*
Scilly (St. Mary's)	1029.1	0	E	2	bc	53	85	8	-	-	-	-	-	1
Falmouth	1028.5	-1	N	3	bc	54	85	8	-	St.Cu	4	A.St	6	*
Plymouth	1028.0	0	-	0	bc-	53	65	8	5750	St.Cu	2	-	2	*
Portland Bill	1027.6	0	-	0	Co+	51	92	8	1500	St.Cu	9	-	9	0
Calshot	1028.7	+2	E	4	Co	50	92	7	4000	St.Cu	10	-	10	0
Dungeness	1028.2	+1	E	4	bc-	46	97	8	-	-	-	-	-	4
Jersey	1027.1	0	NE	3	bc	56	75	8	-	-	-	-	-	0

LONDON OBSERVATIONS

	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 HOURS ENDED 0900 G.M.T. 7th							YESTERDAY.		TO-DAY.
Kew } 24 hours ended 0700	0	c.	bc/bc	*	*	30	-	0.4	*	*
Croydon } 24 hours ended 0700	F	0	bc/bc	*	*	28	-	*	*	*
Greenwich (Royal Obsy.)	0	0	b.bc	58	39	26	-	1.0	68	60
City (Bunhill Row)	*	*	*	*	*	*	*	0.7	*	*
Westminster (St. James' Pk.)	*	*	*	59	42	38	-	0.3	64	62
Camden Sq. (Brit. Rainfall)	*	*	*	*	*	*	*	0.9	*	*
Kensington Palace	0	c	*	62	40	33	-	*	57	59
Hampstead Observatory	0.c.	bc	*	55	40	31	-	*	67 (18h.)	58
	*	*	*	*		*		1.7	*	

ATMOSPHERIC POLLUTION. Lbs. of Solid impurity per million cubic yards.

24 HR. ended 1800 G.M.T. 6th

South Kensington

Max.	Time.	Min.	Time.
1/2	5h 1700	<1/2	5h 21-2400
1	6h 0900		

Kew Observatory

Max.	Time.	Min.	Time.
1/2	5h 19.00	<1/2	6h 0300
1/2	6h 0800		

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total 463 joules

Average Rate 9.7 Milliwatts.

Maximum Rate 14.0 Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 19 h 45 m. to 4 h 15 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	9.30	3.33	42
Ursae Minoris	9.30	3.29	41

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

7th and 8th APRIL 1921.

Stations.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.15	11.55	6.35
	5.12	11.55	6.37
Greenwich	5.25	12.2	6.40
	5.23	12.2	6.41
Wick	5.26	12.4	7.3
	5.23	12.14	7.5
Valencia	6.5	12.43	7.21
	6.2	12.43	7.23

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, *i.e.*, rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
$r_o r_o$ = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

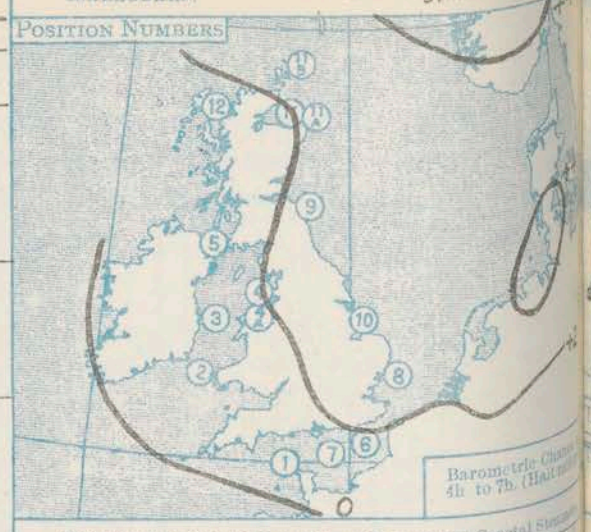
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 6"	13h.-18h. 6"	18h.-6. to 1h. 7"	1h.-7h. 7"	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL. Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	SUN. Hours.
Lerwick	f or m	c	b or bc	c	50	44	*	-	-	-	*
Stornoway	c	c	b or bc	c	53	48	*	-	-	-	0·0
Wick	c	oo	oo	oo	54	44	*	-	-	-	*
Castlebay	f or m	f or m	oo		50	48	*	-	-	-	3·0
Nairn	bcc	cg	c. o&W		56	45	*	-	-	-	1·7
Aberdeen	c	c	oo		56	45	44	-	-	-	1·1
Malin Head	c	b or bc						-			
Renfrew	oo	oo	b or bc	f or m	55	44	36	-	-	-	0·0
Leith	c. bc	b. bc. c.	c. bc	om. o	58	46	44	-	-	-	*
Eskdalemuir	oo	oo	c	oo	54	38	34	-	-	-	0·5
Tynemouth	c	b or bc	c	b or bc	52	41	*	-	?	-	*
Blacksod Point ...	c	b or bc	b or bc	b or bc	54	36	*	-	-	-	*
Donaghadee	c	c	c		53	43	*	-	-	-	*
Birr Castle	c	c	c		56	43	36	-	-	-	0·1
Baldonnell	oo	oo	o	c	56	41	32	-	-	-	0·0
Holyhead	oo	c	b or bc	c	52	40	37	-	-	-	2·2
Liverpool (Bidston) ...	c	b or bc	f or m		53	46	39	-	-	-	6·1
Manchester (Alex. Pk.)	oo	oo	c		57	40	30	-	-	-	*
Howden	oo	c	b or bc	f	54	35	27	-	-	-	0·3
Spurn Head	c	c	b or bc	b or bc	54	?40	*	-	-	-	*
Nottingham	c	oo	c		55	40	36	-	-	-	0·3
Cranwell	oo	c	b or bc	c	55	33	29	-	-	-	0·3
Gorleston	c	c	b or bc	b or bc	49	43	40	-	-	-	5·6
Pulham	b or bc	b or bc	c	c	54	38	32	-	-	-	8·0
Felixstowe	c	b or bc	b or bc	b or bc	52	38	34	-	-	-	8·4
Valencia (Cahirciveen)	c	b or bc	b or bc	b or bc	57	40	?	-	-	-	8·0
Roches Point	c	b or bc	b or bc		55	41	*	-	0·1	-	*
Pembroke (St. Ann's H.)	c	c	b or bc	c	56	44	*	-	-	-	0·7
Ross-on-Wye	b or bc	c	oo		62	40	37	-	-	-	3·2
Benson...	oo	c	c		57	34	28	-	-	-	*
S. Farnborough ...	oo	oo	b or bc		60	36	29	-	-	-	1·2
London	oo	c	b or bc		58	49	30	-	-	-	0·4
Croydon	F	oo	b or bc	oo	57	36	28	-	-	-	*
Clacton-on-Sea ...	b or bc		b or bc		50	41	35	-	-	-	9·0
Shoeburyness	c	b or bc	b or bc		55	38	33	-	-	-	9·5
Grain	oo	b or bc	c		53	42	38	-	trace	-	8·3
Lympne	c	oo	b or bc	oo	51	40	36	-	-	-	7·0
Scilly (St. Mary's) ...	b or bc	b or bc	b or bc	b or bc	58	45	*	-	-	-	11·2
Falmouth	c	b or bc	b or bc	c	58	43	37	-	-	-	1·0 ~~1·0~~
Plymouth	c	b or bc	b or bc		59	43	33	-	-	-	1·2
Portland Bill	b or bc	oo	c	c	56	40	*	-	-	-	*
Calshot	c	oo	b or bc	oo	60	41	40	-	-	-	4·0
Dungeness	c	b or bc	c	c	54	43	*	-	-	-	*
Jersey	c	c	b or bc	b or bc	60	45	*	-	-	-	~~5·0~~ 9·0

ISALLOBARS. Thursday, 7th April.

POSITION NUMBERS



Temperature reported from Cross Channel and Coastal Stations

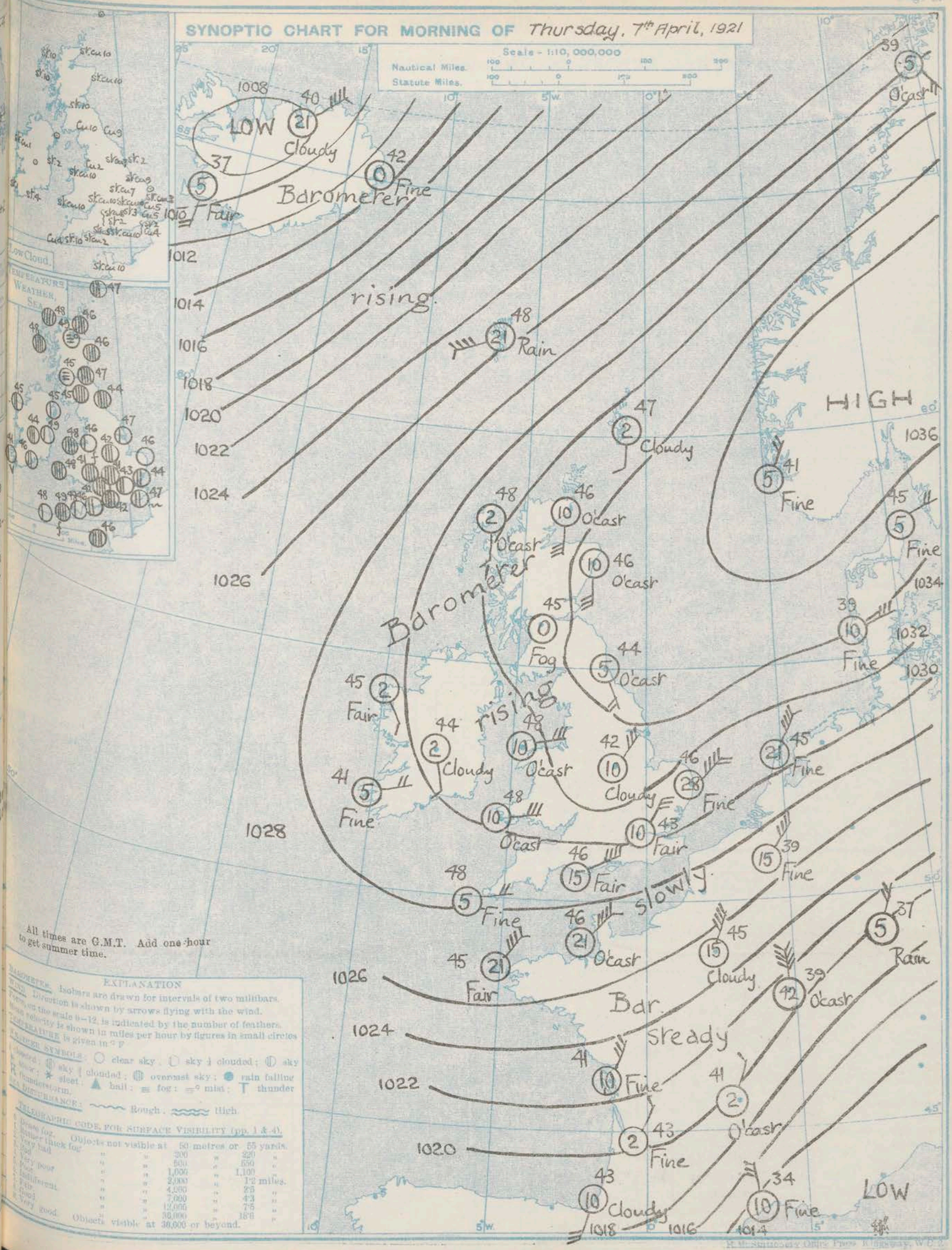
Position Number.	4	5	3	6	2	7
Date	6th	6th	6th	6th	7th	7th
Time G.M.T.	0630	0729	1015	1340	0105	0206
Sea ° F.	46	46	48	49	49	49
Air ° F	47	49	49	51	49	46

GENERAL INFERENCE.

The anticyclone over the British Isles and the North Sea will maintain fair weather generally with the winds mainly Easterly in the South and South-Easterly to Southerly in the West and North.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind mainly East, light or moderate, stronger at times locally; fine generally, but occasionally cloudy. Visibility good. Rather cold; local ground frost at night.	Continuing fair with a mod[illegible] ate to rather [illegible] temperature.
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind mainly South or South-East, light or moderate; fair generally. Visibility fair. Moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind between East and South-East, light or moderate; fair or cloudy. Visibility fair. Moderate temperature.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.00 G. C. SIMPSON, F.R.S., Director.



All times are G.M.T. Add one hour to get summer time.

EXPLANATION

BAROMETER. Isobars are drawn for intervals of two millibars.

WIND. Direction is shown by arrows flying with the wind. Wind velocity is shown by the number of feathers, on the scale 6–12, is indicated by the number of feathers.

TEMPERATURE is given in ° F.

WEATHER SYMBOLS: ○ clear sky; ◐ sky ¼ clouded; ◑ sky ½ clouded; ◕ sky ¾ clouded; ◉ overcast sky; ● rain falling; ✱ sleet; ▲ hail; ≡ fog; ⁼° mist; T thunder R. thunderstorm.

SEA DISTURBANCE: ~~~ Rough. ≈≈≈ High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (pp. 1 & 4).

0	Dense fog. Objects not visible at		50 metres	or	55 yards.	
1	Rather thick fog	"	"	200	"	220 "
2	Very bad	"	"	500	"	550 "
3	Bad	"	"	1,000	"	1,100 "
4	Very poor	"	"	2,000	"	1·2 miles.
5	Poor	"	"	4,000	"	2·5 "
6	Indifferent	"	"	7,000	"	4·3 "
7	Fair	"	"	12,000	"	7·5 "
8	Good	"	"	30,000	"	18·6 "
9	Very good. Objects visible at 30,000 or beyond.					

H. M. Stationery Office Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. THURSDAY, 7TH APRIL 1921. No. 97

Observations at 0100 G.M.T. 7th

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility* 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1030·3	+3	–	0	b	47	65	6	–	–	–	–	0	*
Stornoway	1030·5	0	SW	3	bc-	*	*	7	*	*	*	*	*	*
Wick	1030·6	+2	SSW	2	co	45	97	9	4000	StCu	9	–	9	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head														
Renfrew	1031·6	0	–	0	ffb	48	92	4	2300	St	5	–	5	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1032·4	0	–	0	co	43	92	5	2500	St	10	–	10	*
Tynemouth	1033·3	+2	SE	1	bc	44	92	7	–	–	–	Ci St	4	*
Blacksod Point	1030·3	0	SE	3	bc	49	92	9	2500	StCu	5	–	5	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1031·2	0	–	0	co	48	75	9	1500	St	10	–	10	*
Holyhead	1030·7	+1	–	0	bc	*	*	8	–	–	–	–	0	*
Liverpool (Bidston)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex. Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	1032·7	+1	–	0	bc-	38	97	6	2500	St	2	Al Cu	3	*
Spurn Head*	1031·7	+2	ENE	3	bc	43	86	8	2500	St	5	–	5	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1032·0	+1	N	1	bc	35	97	8	–	–	–	–	0	
Gorleston	1030·4	+1	ENE	5	bc-	42	85	8	–	–	–	Al St	2	*
Pulham	1030·7	0	NE	2	bc-	40	85	7	–	–	–	–	0	*
Felixstowe	1030·2	+1	NE	3	bc-	43	85	8	4000	StCu	6	–	6	*
Valencia (Cahirciveen)	1030·2	0	–	0	bc	45	*	*	*	*	*	*	*	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Anu's H.)	1030·1	0	NE	3	bc	46	85	8	*	*	*	*	3	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London	1030·3	+1	–	–	–	*	*	*	*	*	*	*	*	*
Croydon	1030·4	0	ENE	3	co+	41	92	6	4000	StCu	10	–	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1028·4	-1	E	6	co	41	92	8	1500	St	10	–	10	*
Scilly (St. Mary's)	1029·0	0	E	1	bc	47	97	8	–	–	–	–	0	*
Falmouth	1028·8	-1	N	2	bc	44	85	8	–	–	–	–	0	*
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1028·3	+1	NNE	2	co-	51	92	8	–	–	–	Ci Cu	4	*
Calshot	1029·4	0	NE	3	bc-	43	97	8	–	–	–	–	0	*
Dungeness	1028·2	0	NNE	4	co+	44	97	9	*	*	*	*	8	*
Jersey (Guernsey Th.)	1028·5	0	E	1	bc	47	92	8	–	–	–	–	0	*

Observations at 0700 G.M.T. 7th

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility* 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1032·9	+3	S	1	bc	47	92	5	–	–	–	a St	8	0
Stornoway	1031·8	+2	S	1	co+	48	85	6	1500	St	10	–	10	0
Wick	1032·5	+2	SSW	3	co	46	97	9	4000	StCu	10	–	10	2
Castlebay	1031·5	+1	SE	2	co	48	97	6	1500	St	10	–	*	*
Nairn	1032·8	*	–	0	cmg	~~*~~	*	*	*	*	*	*	10	1
Aberdeen	1034·7	+4	S	3	co	46	85	6	5750	StCu	10	–		
Malin Head	1030·5	0	SSE	1	CO	49	97	8	5750	St Cu	9	–	9	1
Renfrew	1032·1	+2	–	0	ffo	45	97	3	4000	St	10	–	10	*
Leith	1033·4	+1	E	2	o	47	*	*	*	*	*	*	*	*
Eskdalemuir	1034·0	+3	N	1	co	45	85	6	4000	Cu	10	–	10	*
Tynemouth	1035·1	+3	SE	2	co+	44	85	8	4000	Cu	9	–	9	
Blacksod Point	1028·8	0	SE	1	bc	45	92	8	4000	StCu	1	a Cu	4	1
Donaghadee	1031·9	+1	E	1	bc-	45	92	8	–	–	–	a Cu	2	0
Birr Castle	1030·2	*	SE	1	co-	44	92	7	–	–	–	a Cu	7	*
Baldonnell	1031·2	+1	E	1	co	49	92	7	4000	St	2	a Cu	8	0
Holyhead	1031·0	+1	E	3	co	48	92	7	4000	StCu	10	–	10	*
Liverpool (Bidston)	1032·4	+2	E	2	fb-	46	75	3	–	–	–	–	–	*
Manchester (Alex. Pk.)	1033·5	+4	SE	4	bc+	43	75	5	2500	Cu	2	–	2	*
Howden	1035·0	+1	–	0	co-	40	97	6	2500	St Cu	7	a Cu	8	1
Spurn Head*	1033·9	+2	ENE	4	bc-	47	85	9	2500	St	2	–	2	*
Nottingham	1033·9	*	NE	3	co	42	85	4	5750	St Cu	7	–	7	*
Cranwell	1033·5	+3	NE	2	co	41	92	8	2500	StCu	9	–	9	4
Gorleston	1031·0	+2	ENE	6	bc-	46	65	8	–	–	–	–	–	*
Pulham	1031·9	+3	NNE	3	bc-	43	85	7	5750	Cu	2	–	2	
Felixstowe	1031·5	+3	ENE	5	bc-	46	75	8	2500	StCu	3	–	3	2
Valencia (Cahirciveen)	1028·9	0	E	2	bcy	41	85	9	5750	St	1	Ci	2	1
Roches Point	1029·7	-1	SE	2	bc+	46	97	8	800	St	4	–	4	0
Pembroke (St. Anu's H.)	1030·4	+1	E	3	co	48	92	7	5750	StCu	10	–	–	2
Ross-on-Wye	1031·9	+2	ENE	3	co	41	75	8	2500	StCu	10	–	10	*
Benson	1031·9	+3	NE	3	co	41	85	8	–	StCu	10	–	10	*
S. Farnborough	1030·8	+2	NNE	3	co-	42	75	8	2500	StCu	8	–	10	*
London	1031·0	+2	N	3	bc+	43	75	6	2500	St	3	Ci Cu	5	*
Croydon	1030·7	+1	NE	4	co	43	85	5	1500	StCu	10	–	10	*
Clacton-on-Sea	1030·6	+3	NNE	4	bc+	44	85	7	800	Cu	5	–	5	0
Shoeburyness	1030·4	+1	ENE	4	bc	46	75	7	4000	Cu	5	–	5	*
Grain	1030·6	+1	NNE	5	do	44	92	6	1500	StCu	7	–	9	3
Lympne	1028·8	+2	NE	7	co/r	44	85	8	800	Cu	4	–	6	*
Scilly (St. Mary's)	1028·0	-1	E	2	bc	48	92	7	5750	Cu	4	–	4	1
Falmouth	1029·0	+1	E	3	ffo	49	85	6	2500	St	10	–	10	*
Plymouth	1028·7	+2	NE	3	bc-	48	65	8	~~2500~~	StCu	2	Ci Cu	3	0
Portland Bill	1028·8	+1	ENE	4	co	46	85	8	1500	StCu	6	–	5	3
Calshot	1030·9	+3	NE	4	co	42	85	8	2500	StCu	10	–	10	0
Dungeness	1028·3	+1	ENE	6	bc-	47	97	8	*	*	*	*	5	6
Jersey (Guernsey Th.)	1027·8	0	ENE	5	co	46	75	8	1500	StCu	10	–	10	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 6th

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 5th-6th mm.	Rainfall.† Day 9h.-18h. 6th mm.	Sunshine. Sunrise to 17h. 6th hr.	Sunshine. Sunrise to Sunset. 5th hr.
Banff	co	oc	55	45	1	–	1.2	1.9
Montrose	c	c	57	42	1	–	1.0	1.8
Mandudno	c	cbc	55	47	0.1	–	2.2	0.0
Colwyn Bay	b	b	53	47	–	–	5.5	0.0
Rhyl	cbc	bc	54	52	–	–	4.8	0.0
Southport	cbcb	bbco	53	45	–	–	5.3	0.2
Blackpool	c	bc	54	45	–	–	7.0	2.1
Harrogate	cbc	bbcco	58	45	–	–	1.4	1.0
Skegness	obc	b	50	46	1	–	7.5	0.8
Aberystwyth	o	o	51	45	–	–	0.5	0.0
Bath	bcb	bbcco	61	42	–	–	4.9	6.4
Leamington Spa	bc	bc	57	42	–	–	3.8	2.5
Lowestoft	ocbc	bcc	51	44	–	–	4.8	4.9
Felixstowe	om	b	51	45	–	–	8.1	4.2
Southend	ocbc	bc	55	42	–	–	6.6	5.8
Ilfracombe	occ	bc	55	46	–	–	5.3	4.2
Bude	o	b	57	40	–	–	4.5	6.8
Penzance	bbc	bcc	59	44	–	–	4.0	7.0
Torquay	bz	b	61	44	–	–	10.9	6.6
Weymouth	bc	bco	66	44	–	–	5.8	9.9
Bournemouth	b	bbco	62	43	–	–	4.9	8.0
Portsmouth (S'thsea)	–	–	61	47	–	–	3.0	8.1
Worthing	oc	bec	60	49	–	–	3.5	8.1
Brighton	ocbc	bc	61	48	–	–	3.9	7.1
Eastbourne	o	cbc	58	50	–	–	3.7	6.4
Hastings	oc.bc	bc	57	48	–	–	4.6	7.1
Folkestone	b	bcb	51	46	trace	–	7.6	7.5
Tunbridge Wells	oc	cbcb	59	47	–	–	3.5	6.1
Ramsgate	–	–	49	44	–	–	4.7	5.1
Margate	bbcc	ccbb	48	45	–	–	4.6	4.7

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.21,687 FRIDAY, 8th April 1921.

Observations at 1300 G.M.T. 7th April

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1035.7													
Stornoway	1034.4	+2	S	1	bc	48	85	5	7250	-	-	A.Sr	8 10	*
Wick	10327	+1	SW	1	co	52	95	7	450	St.	10	-	10	*
Castlebay	10314	+1	ESE	2	co+	48	92	7	5750	St.Cu	10	-	10	*
Nairn	10319	0	E	4	ff b	53	85	5	450	St.	4	-	4	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*		*	
Malin Head	1036.1	+1	S	2	bc-	52	75	8	5750	St.Cu	4	-	4	*
Renfrew	10299	+2	SSE	3	co+	51	85	7	4000	St.	5	A.Cu	7	*
Leith	10333	-1	ESE	1	co	59	55	6	2500	St.Cu	10	-	10	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	10336	0	E	3	bc-	55	45	7	-	-	-	-	-	*
Blacksod Point	10363	0	SE	3	bc	49	75	8	-	-	-	-	-	*
Donaghadee	10251	-1	SE	2	bc	57	75	8	4000	Cu	3	-	3	*
Birr Castle	10326	0	SE	2	bc-	53	75	8	-	-	-	-	-	*
Baldonbell	10299	*	SE	2	co+	58	75	8	2500	Cu	8	-	8	*
Holyhead	10311	0	E	2	co+	56	75	5	1500	St.Cu	5	-	7	*
Liverpool (Bidston)	10315	+1	E	5	bc	53	75	7	-	-	-	-	-	*
Manchester (Alex.Pk.)	10325	-1	ESE	3	bc-	52	55	7	-	-	-	-	-	*
Hawden	10332	-1	E	4	bc	54	55	8	-	-	-	-	-	*
Spurn Head	10349	0	E	4	bc-	53	65	7	-	-	-	-	-	*
Nottingham	10344	0	ENE	4	bc	51	85	8	4000	Cu	1	-	1	*
Cranwell	10336	*	E	4	bc-	52	55	8	4000	Cu	1	-	1	*
Gorleston	10336	+1	ENE	4	bc-	52	65	9	-	-	-	-	-	*
Pulham	10313	0	ENE	6	bc	50	65	8	-	-	-	-	-	*
Felixstowe	10332	+2	ENE	5	bc-	51	55	8	2500	Cu	1	-	1	*
Valencia (Cahirciveen)	10319	0	ENE	6	bc+	50	65	9	4000	St.Cu	1	-	1	*
Roches Point	10279	-1	ESE	4	bc+	58	55	9	4000	St.Cu	3	-	5	*
Pembroke (St.Ann's H.)	10297	+1	ESE	3	co+	55	85	8	2500	St.Cu	3	A.Cu	5 7	*
Ross-on-Wye	10308	0	ESE	3	bc-	49	75	7	-	-	-	-	-	*
Benson	10312	-2	E	4	bc	52	65	8	5750	Cu	4	-	4	*
S. Farnborough	10308	-2	NE	4	bc-	55	45	8	-	Cu	1	-	1	*
London	10305	0	ENE	4	bc-	54	45	8	4000	St.Cu	2	-	2	*
Croydon	10307	-1	ENE	5	bc-	52	45	8	5750	Cu	1	-	1	*
Clacton-on-Sea	10305	-1	NE	6	bc-	52	55	8	2500	Cu	1	-	1	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	10314	+1	NE	7	bc-	51	85	7	-	-	-	-	-	*
Lympne	10314	0	NE	6	bc-	51	65	8	-	Cu	1	-	1	*
Scilly (St. Mary's)	10290	-1	ENE	7	bc-	48	75	9	2500	Cu	1	-	1	*
Falmouth	10286	0	E	5	bc-	50	55	6	4000	Cu	3	-	3	*
Plymouth	10290	+1	ENE	5	bc+	48	65	8	-	St.Cu	6	-	6	*
Portland Bill	10297	-1	ENE	5	bc+	50	65	8	4000	Cu	2	-	2	*
Calshot	10288	0	ENE	5	bc-	48	85	8	-	-	-	-	-	*
Dungeness	10296	-1	ENE	6	bc-	53	53	8	4000	Cu	1	-	1	*
Jersey	10283	-1	ENE	6	bc	51	92	8	-	-	-	-	2	*
	10258	-1	E	6	bc	52	65	8	-	-	-	-	-	*

Observations at 1800 G.M.T. 7th April

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	10355	+1	S	1	co	47	75	6	7250	-	-	A.Sr	10	0
Stornoway	10325	0	SW	1	co	52	75	7	-	-	-	Ci.Sr	10	0
Wick	10343	0	SSW	1	co	44	85	6	-	-	-	-	-	1
Castlebay	10315	0	ESE	4	ff o	50	85	5	800	St.	10	-	10	3
Nairn	10327	*	-	0	c	55	*	*	*	*	*	*	*	*
Aberdeen	10361	0	S	2	bc+	45	92	8	1500	St.	1	-	1	0
Malin Head	10297	0	SSE	4	bc-	53	85	7	-	-	-	Ci.	1	1
Renfrew	10326	-1	ENE	3	bc-	55	55	6	2500	St.Cu	3	-	3	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	10337	0	ESE	3	bc	48	65	6	-	-	-	-	-	*
Tynemouth	10360	0	SE	3	bc	46	75	8	-	-	-	-	-	1
Blacksod Point	10265	-3	SE	2	bc+	54	85	7	2500	St.Cu	5	Ci.Cu	8	1
Donaghadee	10319	-1	SSW	2	bc	50	65	8	-	-	-	-	-	1
Birr Castle	10287	*	SE	2	bc-	56	65	8	-	-	-	A.Cu	1	*
Baldonbell	10302	-1	E	2	bc/f	51	55	8	-	-	-	-	-	*
Holyhead	10302	0	E	5	bc	53	75	8	-	-	-	-	-	3
Liverpool (Bidston)	10319	0	ESE	3	bc	52	45	6	-	-	-	-	-	*
Manchester (Alex.Pk.)	10331	+1	E	4	bc	48	55	8	-	-	-	-	-	*
Hawden	10349	-1	E	4	bc	47	65	7	-	-	-	-	-	*
Spurn Head	10339	-1	ENE	4	bc	45	92	8	1500	St.	2	-	3	1
Nottingham	10332	*	E	4	bc-	46	55	6	-	-	-	-	-	*
Cranwell	10334	0	ENE	4	bc-	46	65	9	-	-	-	-	-	*
Gorleston	10321	0	ENE	6	bc	45	75	8	-	-	-	-	-	3
Pulham	10321	0	ENE	5	bc	44	75	8	-	-	-	-	-	*
Felixstowe	10317	+1	NE	5	bc-	46	85	9	-	-	-	-	-	4
Valencia (Cahirciveen)	10271	+1	SE	4	co+	56	65	8	4000	St.Cu	4	-	6	1
Roches Point	10296	-1	ESE	3	bc-	49	75	8	-	-	-	-	-	0
Pembroke (St.Ann's H.)	10305	-1	ESE	1	bc-	50	75	7	-	-	-	-	-	2
Ross-on-Wye	10301	-1	E	4	bc	51	55	9	-	-	-	-	-	*
Benson	10300	0	ENE	4	bc-	51	45	8	-	-	-	-	-	*
S. Farnborough	10297	0	ENE	2	bc	49	65	8	-	-	-	-	-	*
London	10302	0	ENE	5	bc	50	55	8	-	-	-	-	-	*
Croydon	10302	+1	ENE	5	bc	47	65	8	-	-	-	-	-	*
Clacton-on-Sea	10310	0	NE	5	bc	47	75	8	-	-	-	-	-	0
Shoeburyness	10303	-1	NNE	6	bc	45	75	7	-	-	-	-	-	*
Grain	10306	-1	NE	7	bc-	47	75	8	-	-	-	-	-	4
Lympne	10292	+2	NE	7	bc	44	85	9	-	-	-	-	-	*
Scilly (St. Mary's)	10278	-1	E	4	bc	50	75	8	4000	Cu	3	-	3	4
Falmouth	10277	-2	E	2	bc	50	75	7	-	-	-	-	-	*
Plymouth	10272	0	ENE	3	bc-	51	55	8	-	-	-	-	-	*
Portland Bill	10273	-2	ENE	5	bc-	49	85	8	-	-	-	-	-	4
Calshot	10288	+1	NE	5	bc	51	65	8	-	-	-	-	-	4
Dungeness	10280	-1	ENE	6	bc	48	97	8	-	-	-	-	-	6
Jersey	10252	0	NE	6	bc	50	75	8	-	-	-	-	-	6

LONDON OBSERVATIONS

	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 HOURS ENDED 0900 G.M.T. 8th							YESTERDAY.		TO-DAY.
Kew } 24 hours ended 0700	b or bc	b or bc	b or bc	*	*	29	-	9.9	*	*
Croydon } 24 hours ended 0700	c	b or bc	bc or f or fog	*	*	21	-	*	*	*
Greenwich (Royal Obsy.)	b	b	b	55	36	27	-	9.7	50	74
City (Bunhill Row)	*	*	*	*	*	*		9.7	*	*
Westminster (St. James' Pk.)	*	*	*	55	39	33	-	?	51	72
Botanical Gardens Camden Sq. (Brit. Rainfall)	b*	b*	*	*	*	*	*	10.5	*	*
Kensington Palace				59	35	28	-		65	71
Hampstead Observatory	bc	b	*	56	36	30	-	*	57(18h.)	69
	*	*	*	52	35	*	-	10.8	*	67

ATMOSPHERIC POLLUTION. Lbs. of Solid impurity per million cubic yards.

24 HR. ended 1600 G.M.T. 7th

South Kensington

Max.	Time.	Min.	Time.

Kew Observatory

Max.	Time.	Min.	Time.
1	6.21.00	<½	03.00
½	7th 10.00		

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total 1487 joules

Average Rate 312 Milliwatts.

Maximum Rate 72 Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 19 h. 45 m. to 4 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	8.30	8.30	100
δ Ursae Minoris	8.30	8.30	100

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

8th and 9th April 1921.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.12	11.55	6.37
Greenwich	5.10	11.55	6.39
Wick	5.23	12.2	6.41
	5.21	12.2	6.43
Valencia	5.23	12.14	7.5
	5.20	12.14	7.7
	6.2	12.43	7.23
	6.0	12.43	7.25

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, *i.e.*, rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
r_0r_0 = continuous light rain.

SEA DISTURBANCE.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

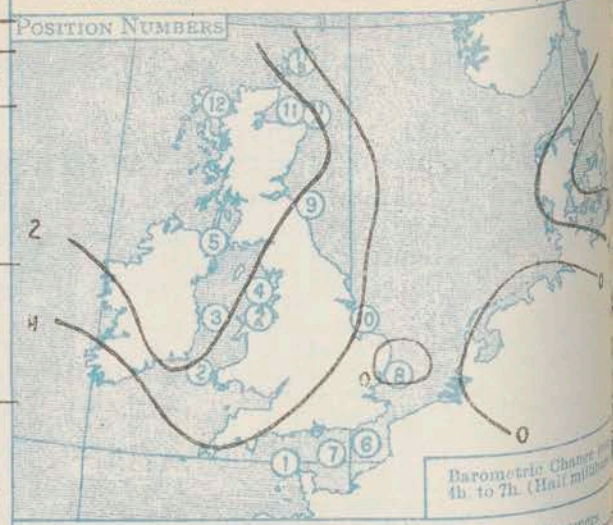
* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

M.O. Form 2370.

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-13h. 7th	Weather. 13h.-18h. 7th	Weather. 18h. to 1h. 7th/8th	Weather. 1h.-7h. 8th	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass.	Rainfall.† Day. 7h.-18h.	Rainfall.† Night. 18h.-7h.	Rainfall.† Precipitation began.	Sun. Hours.
Lerwick	c	c	b or bc	b or bc	49	41	•	-	-	-	•
Stornoway	oo	c	b or bc	b or bc	51	47	•	-	-	-	1.9
Wick	oo	oo	b or bc	b or bc	50	41	•	-	-	-	•
Castlebay	oo	b or bc	b or bc		53	46	•	-	-	-	5.5
Nairn	opc	cgz	cbcx		59	31	•	-	-	-	0.0
Aberdeen	c	b or bc	b or bc		52	31	23	-	-	-	5.2
Malin Head	c	c	b or bc	b or bc	56	39	•	-	-	-	7.7
Renfrew	oo	b or bc	b or bc	f or m	59	31	17	-	-	-	1.3
Leith	?	?	b or bc		?	37	27	-	-	-	•
Eskdalemuir	b or bc	b or bc	b or bc	b or bc	56	26	21	-	-	-	8.3
Tynemouth	b or bc	b or bc	b or bc	b or bc	50	35	•	-	-	-	•
Blacksod Point ...	b or bc	b or bc	b or bc	b or bc	57	44	•	-	-	-	•
Donaghadee	f or m	b or bc	b or bc		55	42	•	-	-	-	•
Birr Castle	c	b or bc	b or bc		58	33	25	-	-	-	6.5
Baldonnell	c	b or bc	b or bc	b or bc	58	37	26	-	-	-	9.0
Holyhead	b or bc	b or bc	b or bc	b or bc	54	37	28	-	-	-	9.5
Liverpool (Bidston) ...	b or bc	b or bc	b or bc		56	37	31	-	-	-	10.8
Manchester (Alex.Pk.)	b or bc	b or bc	b or bc		56	36	25	-	-	-	•
Howden	b or bc	b or bc	b or bc	b or bc	53	24	15	-	-	-	10.9
Spurn Head	b or bc	b or bc	b or bc	b or bc	46	41	•	-	-	-	•
Nottingham	b or bc	b or bc	b or bc		53	36	31	-	-	-	10.2
Cranwell	b or bc	b or bc	b or bc	b or bc	52	30	23	-	-	-	11.2
Gorleston	b or bc	b or bc	b or bc	b or bc	51	43	39	-	-	-	12.0
Pulham	b or bc	?	b or bc	b or bc	?	34	27	?	-	-	11.8
Felixstowe	b or bc	b or bc	b or bc	b or bc	51	36	32	-	-	-	11.5
Valencia (Cahirciveen)	b or bc	b or bc	b or bc	b or bc	60	~~34~~ 43	38	-	-	-	10.7
Roches Point	b or bc	b or bc	b or bc		55	41	•	-	-	-	•
Pembroke (St.Ann's H.)	b or bc	b or bc	b or bc	b or bc	52	37	•	-	-	-	9.6
Ross-on-Wye	b or bc	b or bc	b or bc		54	~~30~~ 33	22	-	-	-	9.1
Benson...	b or bc	b or bc	b or bc		56	30	22	-	-	-	•
S. Farnborough ...	b or bc	b or bc	b or bc		57	33	28	-	-	-	9.8
London	b or bc	b or bc	b or bc		53	~~30~~ 37	29	-	-	-	9.7
Croydon	c	b or bc	b or bc	f or m	53	30	21	-	-	-	•
Clacton-on-Sea ...	b or bc		b or bc		51	38	34	-	-	-	11.2
Shoeburyness	b or bc	b or bc	b or bc		52	36	33	-	-	-	11.0
Grain	b or bc	b or bc	b or bc		50	40	38	-	-	-	11.1
Lympne	b or bc	b or bc	b or bc	b or bc	49	38	35	-	-	-	11.3
Scilly (St. Mary's) ...	c	c	b or bc	b or bc	54	44	•	-	-	-	6.9
Falmouth	b or bc	b or bc	b or bc	b or bc	52	38	31	-	-	-	8.7
Plymouth	b or bc	b or bc	b or bc		53	40	28	-	-	-	12.3
Portland Bill	b or bc	b or bc	b or bc	b or bc	52	40	•	-	-	-	•
Calshot	b or bc	b or bc	b or bc	b or bc	55	37	34	-	-	-	10.2
Dungeness	b or bc	b or bc	b or bc	b or bc	51	46	•	-	-	-	•
Jersey	oo	b or bc	b or bc	b or bc	53	45	•	-	-	-	7.8

ISALLOBARS. 8th April.



Temperature reported from Cross Channel and Coastal Steamers.

Position Number.	12	5	4	3	1	8	2	7
Date	7th	7th	7th	7th	7th	7th	8th	8th
Time G.M.T.	0315	0744	0650	1000	1200	1400	0210	0256
Sea °F.	47	46	48	47	49	47	45	48
Air °F	48	49	46	49	46	52	47	46

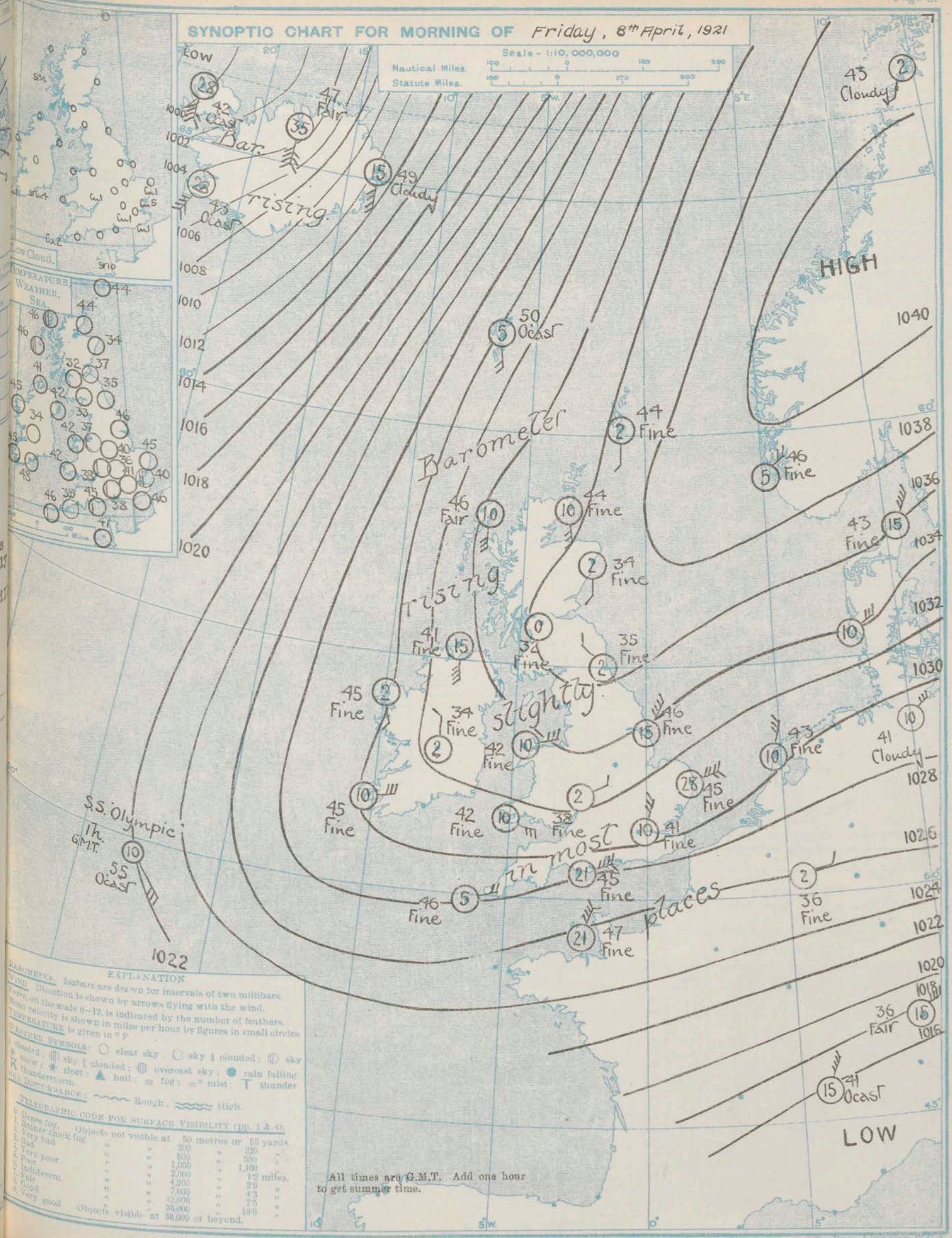
GENERAL INFERENCE.

The anticyclone over the British Islands and the North Sea region will continue to maintain fair, dry weather generally, with Easterly winds over England and South-Easterly to Southerly winds in Ireland and Scotland. Temperature will remain rather low and local frosts will occur at night.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland	Wind mainly Easterly, light or moderate generally, but fresh to strong on East and South-East Coasts. Mainly fine; visibility fair to good. Temperature rather low; slight frost locally at night.	Continuing fair and rather cold.
12. S.W. Scotland 13. Isle of Man 14. N.& N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland	Wind mainly South, light or moderate; fair or fine; visibility fair; moderate or rather low temperature. Slight frost locally at night.	
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind South-East or East, light or moderate; fair or fine; visibility fair to moderate; moderate or rather low temperature; slight frost inland at night.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.00

G. C. Simpson, F.R.S., Director.



H.M. Stationery Office, Press Room, Kingsway, W.C.2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION..FRIDAY.....8th.....APRIL.....1921. No. 98

Observations at 0100 G.M.T....8th April.

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	10365	+1	S	1	bc	45	85	6	-	-	-	-	0	*
Stornoway	10336	0	-	0	bc	*	*	6	*	*	*	*	*	*
Wick	10343	0	S	2	bc-	43	97	8	-	-	-	-	-	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	10306	0	S	3	bc	45	92	7	-	-	-	-	0	*
Renfrew	10357	+2	-	0	bc	38	85	5	-	-	-	-	0	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	10373	+1	N	2	bc	30	65	7	-	-	-	-	0	*
Tynemouth	10367	0	SE	2	bc	43	85	8	-	-	-	-	0	*
Blacksod Point ...	10279	+1	SE	2	bc	49	85	7	-	-	-	-	0	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	10321	+1	E	2	fb	43	85	6	-	-	-	-	0	*
Holyhead	10325	+1	E	5	bc	*	*	8	-	-	-	-	0	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	10352	0	-	0	bc	33	97	6	-	-	-	-	0	*
Spurn Head	10339	0	E	4	bc	43	75	9	-	-	-	-	0	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	10339	0	NE	3	bc	35	92	8	-	-	-	-	0	*
Gorleston	10318	-1	NNE	6	bc	44	85	8	-	-	-	-	0	*
Pulham	10321	0	NNE	1	bc	36	92	7	-	-	-	-	0	*
Felixstowe	10315	0	NNE	4	bc	41	97	8	-	-	-	-	0	*
Valencia (Cahirciveen)	10291	+3	SSW	3	bc	44	*	*	*	*	*	*	*	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	10307	+1	ESE	3	bc	43	85	8	-	-	-	-	0	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London	10308	+1	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	10312	-1	NNE	1	bc	35	92	6	-	-	-	-	0	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	10285	-1	NE	6	bc	40	85	8	-	-	-	-	0	*
Scilly (St. Mary's) ...	10272	0	E	5	bc	48	85	8	-	-	-	-	0	*
Falmouth	10287	0	E	5	bc	47	75	8	-	-	-	-	0	*
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	10273	0	ENE	5	bc	48	92	8	-	-	-	-	0	*
Calshot	10297	0	NE	4	bc	42	85	8	-	-	-	-	0	*
Dungeness	10280	0	E	5	bc	46	97	8	-	-	-	-	0	*
Jersey (Guernsey Th.)	10273	+2	ENE	6	bc	47	85	7	5750	Cu	2	-	2	*

Observations at 0700 G.M.T....8th April.

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	10312	0	S	1	bc-	44	92	5	-	-	-	-	0	0
Stornoway	10347	+3	S	3	co-	46	75	8	-	-	-	ci	6	0
Wick	10348	+1	S	3	bc-	44	92	8	-	-	-	-	0	4
Castlebay	10337	+2	SE	4	ffb	46	92	7	2500	St	4	-	4	1
Nairn	10352	*	-	0	b	37	*	*	*	*	*	*	0	0
Aberdeen	10375	+2	SSW	1	fb+	34	97	3	-	-	-	-	0	
Malin Head	10326	+3	S	4	bc-	41	85	7	-	-	-	-	0	1
Renfrew	10366	+2	-	0	fb-	32	85	4	-	-	-	-	0	3
Leith	10367	+1	NE	1	bc-	37	75	5	-	-	-	-	0	1
Eskdalemuir	10312	+1	-	0	bc	33	85	8	-	-	-	-	0	0
Tynemouth	10366	+1	NW	1	fb	35	97	4	-	-	-	-	0	1
Blacksod Point ...	10296	+2	S	1	bc	45	85	7	-	-	-	-	0	0
Donaghadee	10346	+2	SE	2	bc-	42	75	8	-	-	-	-	0	1
Birr Castle	10321	*	N	1	bc-	34	97	6	-	-	-	-	0	1
Baldonnell	10328	+2	-	0	bc	37	92	8	-	-	-	-	0	0
Holyhead	10332	+1	E	3	bc	42	85	9	-	-	-	-	0	1
Liverpool (Bidston) ...	10344	+1	ESE	1	bc	37	85	6	-	-	-	-	0	1
Manchester (Alex.Pk.)	10348	+2	ENE	3	bc	40	75	5	-	-	-	-		1
Howden	10347	+1	NNE	1	bc-	35	75	6	-	-	-	-	0	1
Spurn Head	10338	0	NE	4	bc	46	92	8	-	-	-	-	0	1
Nottingham	10337	*	NE	3	bc	40	85	5	-	-	-	-	0	1
Cranwell	10338	+1	NNE	3	bc-	36	97	7	-	-	-	-	0	4
Gorleston	10302	-1	E	6	bc	45	85	8	-	-	-	-	0	1
Pulham	10316	0	NE	3	bc-	43	92	7	-	-	-	-	0	3
Felixstowe	10313	+1	NE	3	bc	42	97	8	2500	Cu	1	-	1	0
Valencia (Cahirciveen)	10302	+3	E	3	bc	45	75	8	4000	Cu	1	-	1	0
Roches Point	10311	+2	ESE	3	bc+	48	85	8	1500	St.Cu	4	-	4	0
Pembroke (St. Ann's H.)	10317	+1	ESE	3	bc	42	75	8	-	-	-	-	0	1
Ross-on-Wye	10322	+1	ENE	1	bc	38	85	6	4000	Cu	1	-	1	1
Benson...	10314	+1	NE	3	bc	36	92	8	-	-	-	-	0	1
S. Farnborough ...	10306	0	NE	3	bc	38	85	8	2500	Cu	1	-	1	1
London	10306	+1	NNE	3	bc	41	85	6	-	-	-	-	0	1
Croydon	10310	+1	-	0	co+	36	97	5	800	St.Cu	8	-	8	1
Clacton-on-Sea ...	10307	0	NNE	4	bc+	40	92	8	1500	Cu	5	-	5	0
Shoeburyness ...	10304	0	NE	4	bc+	42	85	7	4000	Cu	1	-	1	1
Grain	10300	0	NNE	5	bc-	42	92	6	4000	St.Cu	3	-	3	0
Lympne	10287	+1	ENE	6	bc+	43	75	8	4000	Cu	1	-	1	1
Scilly (St. Mary's) ...	10276	0	E	3	bc	46	85	8	4000	Cu	2	-	2	5
Falmouth	10288	+1	ENE	3	bc	39	75	7	-	-	-	-	0	1
Plymouth	10291	+3	ENE	1	bc-	42	75	8	-	-	-	-	0	1
Portland Bill	10273	0	ENE	5	bc	45	92	8	-	-	-	-	0	1
Calshot	10296	0	NNE	4	bc	39	92	8	-	-	-	-	0	6
Dungeness	10274	0	E	6	bc-	46	97	9	-	-	-	-	0	3
Jersey (Guernsey Th.)	10258	0	NE	5	bc	47	75	8	-	-	-	-		

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR.....7th

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 6th-7th mm.	Rainfall.† Day 9h.-18h. 7th mm.	Sunshine. Sunrise to 17h. 7th hr.	Sunshine. Sunrise to Sunset. 6th hr.
Banff	ocbc	cbcc	57	46	-	-	1.1	1.2
Montrose	obc	b	49	43	-	-	5.7	1.0
Llandudno	b	b	56	41	-	-	9.5	2.2
Colwyn Bay ...	b	b	55	41	-	-	8.9	7.1
Rhyl...	b	b	57	47	-	-	10.3	5.8
Southport	b	b	57	44	-	-	11.0	5.3
Blackpool	bc	b	57	44	-	-	11.0	7.0
Harrogate	b	b	52	38	-	-	9.1	1.4
Skegness	b	bv	50	42	-	-	11.0	
Aberystwyth ...	cbb	bbc	57	46	-	-	11.0	0.5
Bath	ocbcb	b	56	39	-	-	7.8	4.9
Leamington Spa ...	bc	bc	54	40	-	-	9.2	3.8
Lowestoft	b	b	51	42	-	-	11.0	4.8
Felixstowe	b	bm	49	40	-	-	10.4	8.9
Southend	bcbq	bq	50	39	-	-	9.6	7.0
Ilfracombe	b	b	52	46	-	-	10.0	6.7
Bude	wocbc	b	56	40	-	-	9.6	5.1
Penzance	cbc	c	53	44	-	-	7.7	4.6
Torquay	bcc	bcb.by	54	43	-	-	8.0	11.6
Weymouth	bc.b	b	57	40	-	-	8.0	5.8
Bournemouth ...	o.b	bc.c	56	40	-	-	9.0	4.9
Portsmouth (S'thsea)	-	-	56	41	-	-	9.0	3.0
Worthing	bc	bc	54	40	-	-	9.0	3.5
Brighton	bbcb	bcb	55	41	-	-	9.0	3.9
Eastbourne ...	bc	bcb	53	41	-	-	9.7	3.7
Hastings	b	b	52	41	-	-	10.0	5.5
Folkestone	bcb	b	58	42	-	-	?	7.6
Tunbridge Wells ...	b	b	53	40	-	-	9.3	4.0
Ramsgate	-	-	49	42	-	-	10.8	4.4
Margate	b	b	48	43	-	-	10.7	4.6

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 2. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.21,688 ...SATURDAY, 9th APRIL...1921.

Observations at 1300 G.M.T. 8th

Stations.	Baron. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1039.3	+2	S	2	bc-	50	97	8	-	-	-	-	-	*
Stornoway	1036.6	+2	S	3	co	51	65	8	-	Cu	7	-	7	*
Wick	1037.6	+1	S	2	bc-	47	85	8	-	-	-	-	-	*
Castlebay	1036.7	+3	SE	5	ff'b	47	85	7	2500	St.	1	-	1	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1038.5	+1	SE	3	bc/f	52	75	9	-	-	-	-	-	*
Malin Head	1035.0	+2	SE	2	bc	50	92	7	-	-	-	-	-	*
Renfrew	1037.1	0	E	3	bc	55	45	6	-	-	-	-	-	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1036.5	0	NE	2	bc-	51	48	6	-	-	-	-	-	*
Tynemouth	1037.3	0	NE	3	bc	49	75	9	2500	St.	2	-	2	*
Blacksod Point	1032.9	+2	SE	2	bc-	48	85	7	-	-	-	A.Cu	3	*
Donaghadee	1036.2	+2	ESE	2	bc-	48	75	8	-	-	-	-	-	*
Birr Castle	1033.2	*	SSE	2	bc+	55	65	8	5750	-	-	Ci.Cu	3	*
Baldonnell	1034.6	+1	ENE	3	bc	51	65	8	-	-	-	-	-	*
Holyhead	1034.9	+1	E	4	bc	52	65	7	-	-	-	-	-	*
Liverpool (Bidston)	1033.9	-1	E	3	bc	53	45	6	-	-	-	-	-	*
Manchester (Alex.Pk.)	1034.4	-1	NE	4	bc	54	45	8	-	-	-	-	-	*
Howden	1034.9	-1	NW	4	bc-	53	65	9	-	-	-	-	-	*
Spurn Head	1033.8	0	ESE	4	bc-	50	85	9	-	-	-	-	-	*
Nottingham	1033.3	*	E	4	bc	53	45	6	-	-	-	-	-	*
Cranwell	1033.1	-1	NE	4	bc-	53	55	9	-	-	-	-	-	*
Gorleston	1030.2	-1	ENE	6	bc	48	75	8	-	-	-	-	-	*
Pulham	1030.7	-2	NE	6	bc-	53	55	9	-	-	-	-	-	*
Felixstowe	1030.3	-2	ENE	6	bc	51	55	9	-	-	-	-	-	*
Valencia (Cahirciveen)	1031.7	0	SE	3	bc-	57	55	8	4000	St.Cu	1	-	3	*
Roches Point	1029.9	+1	ESE	4	bc-	51	75	8	-	-	-	-	-	*
Pembroke (St.Ann's H.)	1032.2	0	ENE	2	bc	51	65	9	-	-	-	-	-	*
Ross-on-Wye	1031.0	-2	ENE	5	bc	53	55	8	-	-	-	-	-	*
Benson	1029.9	-4	NE	4	bc	55	45	8	-	Cu	1	-	1	*
S. Farnborough	1029.3	-2	NE	4	bc	55	45	8	4000	Cu	1	-	1	*
London	1029.2	-4	NE	5	bc	53	45	8	-	-	-	-	-	*
Croydon	1029.3	-1	NE	6	bc	~~46~~ 53	~~75~~ 55	8	2500	Cu	1	-	1	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1029.8	-1	NE	6	bc	52	55	7	-	-	-	-	-	*
Grain	1029.8	-1	NE	7	bc	49	55	9	-	-	-	-	-	*
Lympne	1027.9	-2	NE	6	bc	49	75	9	2500	Cu	4	-	4	*
Scilly (St. Mary's)	1029.4	+2	E	3	bc	53	75	8	-	-	-	-	-	*
Falmouth	1029.1	0	ENE	4	bc	53	55	8	-	-	-	-	-	*
Plymouth	1030.1	-1	ENE	5	bc	52	45	8	-	-	-	-	-	*
Portland Bill	1027.3	0	NE	5	bc	48	92	8	-	-	-	-	-	*
Calshot	1028.2	-3	ENE	5	bc	54	55	8	-	-	-	-	-	*
Dungeness	1027.3	-1	E	6	bc	51	97	9	-	-	-	-	2	*
Jersey	1026.3	-1	NE	5	bc	52	65	8	-	-	-	-	-	*

Observations at 1800 G.M.T. 8th

Stations.	Baron. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1039.7	+2	S	1	bc	47	75	7	-	-	-	-	-	0
Stornoway	1037.8	+2	S	2	bc-	51	65	8	-	-	-	Ci	1	0
Wick	1039.0	+1	SE	3	bc-	45	92	8	-	-	-	Ci.Cu	4	1
Castlebay	1036.9	0	E	3	bc/f	49	65	7	-	-	-	-	-	2
Nairn	1036.7	*	NNE	1	bc	47	65	9	-	-	-	-	0	5
Aberdeen	1038.9	0	ESE	2	bc	45	85	8	-	-	-	-	-	0
Malin Head	1035.0	0	ESE	2	bc	47	92	7	-	-	-	-	-	1
Renfrew	1036.6	0	ENE	3	bc	51	55	7	-	-	-	-	-	*
Leith	1037.7	*	ENE	3	bc-	46	*	*	*	*	*	*	*	*
Eskdalemuir	1036.4	0	NE	4	bc	45	55	6	-	-	-	-	-	*
Tynemouth	1036.4	0	NE	3	co+	44	85	8	5750	Cu	8	-	8	*
Blacksod Point	1032.6	0	-	0	bc	55	65	9	-	-	-	A.Cu	3	0
Donaghadee	1035.2	-1	-	0	bc-	48	55	8	-	-	-	-	-	0
Birr Castle	1032.8	*	SSE	2	bc-	55	65	8	-	-	-	-	-	*
Baldonnell	1034.2	-1	ENE	3	bc+	47	75	7	4000	Cu	1	~~Cu~~	1	*
Holyhead	1032.7	-1	NE	5	bc	48	75	8	-	-	-	-	-	2
Liverpool (Bidston)	1032.8	-1	NE	3	bc	51	45	6	-	-	-	-	-	3
Manchester (Alex.Pk.)	1033.3	0	ENE	5	bc	47	75	5	2500	Cu	3	-	3	*
Howden	1034.1	-1	NNE	4	bc-	46	85	9	4000	Cu	1	-	1	*
Spurn Head	1033.0	-1	NNE	5	bc	45	92	9	-	-	-	-	-	2
Nottingham	1032.4	*	E	4	bc	47	55	5	-	-	-	-	-	*
Cranwell	1032.1	0	NE	4	bc	45	75	9	-	-	-	-	-	*
Gorleston	1029.3	-1	ENE	6	bc+	45	85	8	4000	Cu	3	-	3	4
Pulham	1029.8	0	NE	5	bc+	46	75	8	2500	St.Cu	3	-	4	*
Felixstowe	1028.9	0	NE	6	bc+	46	75	9	2500	Cu	2	-	2	5
Valencia (Cahirciveen)	1031.8	+1	W	2	bc+	51	75	8	-	-	-	-	-	1
Roches Point	1032.6	-1	NE	2	bc-	50	75	8	-	-	-	-	-	0
Pembroke (St.Ann's H.)	1030.4	-1	N	4	bc	48	75	8	-	-	-	-	-	2
Ross-on-Wye	1029.8	-1	ENE	4	bc	50	45	8	-	-	-	-	-	*
Benson	1028.9	0	NNE	5	bc	49	55	8	-	-	-	-	-	*
S. Farnborough	1027.5	-1	NNE	5	bc	51	45	8	1500	St.	1	-	1	*
London	1027.9	0	NE	5	bc	51	45	8	-	-	-	Ci	1	*
Croydon	1027.2	-1	NE	7	bc	50	45	8	-	-	-	-	-	*
Clacton-on-Sea	1028.2	0	NE	6	bc	48	65	8	1500	Cu	2	-	2	0
Shoeburyness	1027.4	-2	NE	6	bc	47	65	7	-	-	-	-	-	*
Grain	1028.0	-1	NE	7	bc	47	75	8	-	-	-	-	-	6
Lympne	1026.0	-3	NE	8	co-	44	85	9	2500	Cu	3	-	6	*
Scilly (St. Mary's)	1027.2	-3	ENE	4	bc	51	75	8	-	-	-	-	-	6
Falmouth	1027.0	-3	ENE	1	bc	52	55	7	-	-	-	-	-	*
Plymouth	1026.3	-2	NE	4	bc-	55	45	8	-	-	-	-	-	*
Portland Bill	1025.5	-2	NE	5	bc	50	92	8	-	-	-	-	-	4
Calshot	1026.8	-2	NE	5	~~bc~~	53	55	8	-	-	-	-	-	4
Dungeness	1024.5	-3	E	7	bc+	47	97	9	-	-	-	-	5	6
Jersey	1023.6	-1	NE	5	bc	50	75	8	-	-	-	-	-	3

ENE

bc

London Observations	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 Hours ended 0900 G.M.T. 9th							Yesterday.		To-day.
Kew } 24 hours ended 0700	b or bc	b or bc	b or bc	*	*	38	-	11.1	*	*
Croydon } 24 hours ended 0700	b or bc	b or bc	c or bc	*	*	38	-	*	*	*
Greenwich (Royal Obsy.)	b	b	bc or g	56	38	34	2	10.2	39	86
City (Bunhill Row)	*	*	*	*	*	*	*	9.7	*	*
Westminster (St. James' Pk.)	*	*	*	57	41	37	2	?	41	83
Regents Pk. (Botanical Gdns.)	*	*	*	*	*	*	*	10.1	*	*
Camden Sq. (Brit. Rainfall)	b	b	*	60	40	33	1	*	43	79
Kensington Palace	b	b	*	58	40	36	1	*	45 (18h)	88
Hampstead Observatory	*	*	*	53	39	34	2	11.3	*	88

Atmospheric Pollution. Lbs. of Solid impurity per million cubic yards.

21 Hr. ended 1600 G.M.T. 8th

South Kensington

Max.	Time.	Min.	Time.
1	7th 1900	1/2	8th 0200-0400
1	8th 0700		

Kew Observatory

Max.	Time.	Min.	Time.

Solar Radiation. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total 1582 joules

Average Rate 33.0 Milliwatts.

Maximum Rate 79 Milliwatts.

Pole Star Record at Greenwich Obsy.

Exposure from 8h 19m 45s to 9h 04m 15s

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	8.30	3.50	45
Ursae Minoris	8.30	3.43	44

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.

9th and 10th April 1921.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.10	11.55	6.39
	5.8	11.54	6.40
Greenwich	5.21	12.2	6.43
	5.18	12.1	6.44
Wick	3.20	12.14	7.7
	3.17	12.13	7.9
Valencia	6.0	12.43	7.25
	5.58	12.42	7.26

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, *i.e.*, rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; – = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
r_0r_0 = continuous light rain.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Sea Disturbance.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1– 3	0·3– 1·5
2	4– 7	1·6– 3·3
3	8–12	3·4– 5·4
4	13–18	5·5– 7·9
5	19–24	8·0–10·7
6	25–31	10·8–13·8
7	32–38	13·9–17·1
8	39–46	17·2–20·7
9	47–54	20·8–24·4
10	55–63	24·5–28·4
11	64–75	28·5–33·5
12	Above 75	33·6 or above

* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

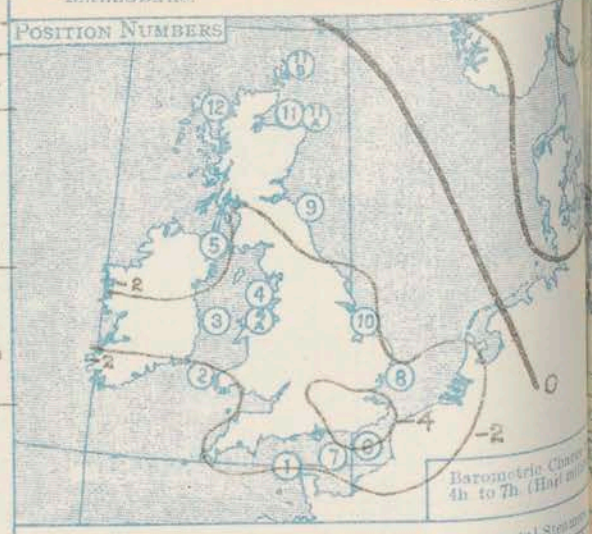
§ For code see page 3.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 8th	13h.-18h. 8th	18h.-1h. 8th to 1h. 9th	1h.-7h. 9th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL. Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	SUN. Hours.
Lerwick	b or bc	b or bc	b or bc	b or bc	50	37	*	-	-	-	*
Stornoway	c	b or bc	b or bc	b or bc	54	39	*	-	-	-	10.2
Wick	b or bc	b or bc	b or bc	b or bc	48	39	*	-	-	-	*
Castlebay	f or m	f or m	b or bc		49	43	*	-	-	-	9.8
Nairn	bbaz	bcz	bcmx		52	29	*	-	Trace	*	11.2
Aberdeen	b or bc	b or bc	b or bc		~~46~~ 52	32	27	-	-	-	10.9
Malin Head	b or bc	b or bc	b or bc	b or bc	51	43	*	-	-	-	11.3
Renfrew	b or bc	b or bc	c	c	56	32	20	-	-	-	8.5
Leith	b or bc		b or bc		50	31	38	-	-	-	*
Eskdalemuir	b or bc	b or bc	b or bc	b or bc	53	33	28	-	-	-	12.0
Tynemouth	b or bc	c	b or bc	c	50	43	*	-	-	-	*
Blacksod Point ...	b or bc	b or bc	b or bc	b or bc	57	40	*	-	-	-	*
Donaghadee	b or bc	b or bc	b or bc		55	42	*	-	-	-	*
Birr Castle	c	b or bc	b or bc		58	33	23	-	-	-	10.8
Baldonnell	b or bc	b or bc	b or bc	c	52	33	25	-	-	-	9.8
Holyhead	b or bc	b or bc	b or bc	b or bc	53	41	37	-	-	-	11.8
Liverpool (Bidston) ...	b or bc	b or bc	b or bc		55	37	31	-	-	-	9.0
Manchester (Alex.Pk.)	b or bc	b or bc	c		55	39	31	-	-	-	*
Howden	b or bc	b or bc	b or bc		54			-			
Spurn Head	b or bc	b or bc	b or bc	b or bc	50	41	*	-	-	-	*
Nottingham	b or bc	b or bc	c		54	39	35	-	Trace	0630	11.5
Cranwell	b or bc	b or bc	b or bc	c	53	37	34	-	Trace	06.30	11.6
Gorleston	b or bc	b or bc	b or bc	p	49	42	41	-	0.1	0430	11.3
Pulham	b or bc	b or bc	b or bc	h or hr	54	40	36	-	?	0530	11.8
Felixstowe	b or bc	b or bc	b or bc	p	53	39	34	-	0.4	0330	~~11.6~~ 11.1
Valencia (Cahirciveen)	b or bc	b or bc	b or bc	b or bc	58	38	30	-	-	-	11.3
Roches Point	b or bc	b or bc	b or bc		53	39	*	-	0.1	-	*
Pembroke (St. Ann's H.)	b or bc	b or bc	b or bc	b or bc	56	37	*	-	-	-	11.5
Ross-on-Wye	b or bc	b or bc	b or bc		55	40	35	-	-	-	11.8
Benson...	b or bc	b or bc	oo		56	40	36	-	-	-	*
S. Farnborough ...	b or bc	b or bc	b or bc		57	40	37	-	-	-	11.2
London	b or bc	b or bc	b or bc		55	41	38	-	-	-	11.1
Croydon	b or bc	b or bc	c	oo	56	41	38	-	-	-	*
Clacton-on-Sea ...	b or bc	b or bc	r or d		52	40	38	-	1	0530	11.0
Shoeburyness	b or bc	b or bc	h or hr		53	39	36	-	1	0230	10.8
Grain	b or bc	b or bc	r or d		51	41	33	-	1	0630	11.3
Lympne	b or bc	b or bc	b or bc	c	50	41	37	-	0.1	0630	11.5
Scilly (St. Mary's) ...	b or bc	b or bc	b or bc	b or bc	53	41	*	-	-	-	10.5
Falmouth	b or bc	b or bc	b or bc	b or bc	54	37	33	-	-	-	11.2
Plymouth	b or bc	b or bc	b or bc		56	41	31	-	-	-	11.6
Portland Bill	b or bc	b or bc	b or bc		51	40	*	-	-	-	*
Calshot	b or bc	b or bc	b or bc	c	55	41	37	-	-	-	11.6
Dungeness	b or bc	b or bc	c	p	52	43	*	-	Trace	0530	*
Jersey	b or bc	b or bc	c	b or bc	54	44	*	-	-	-	10.8

ISALLOBARS. 9th APRIL.



Temperature reported from Cross Channel and Coastal Steamers

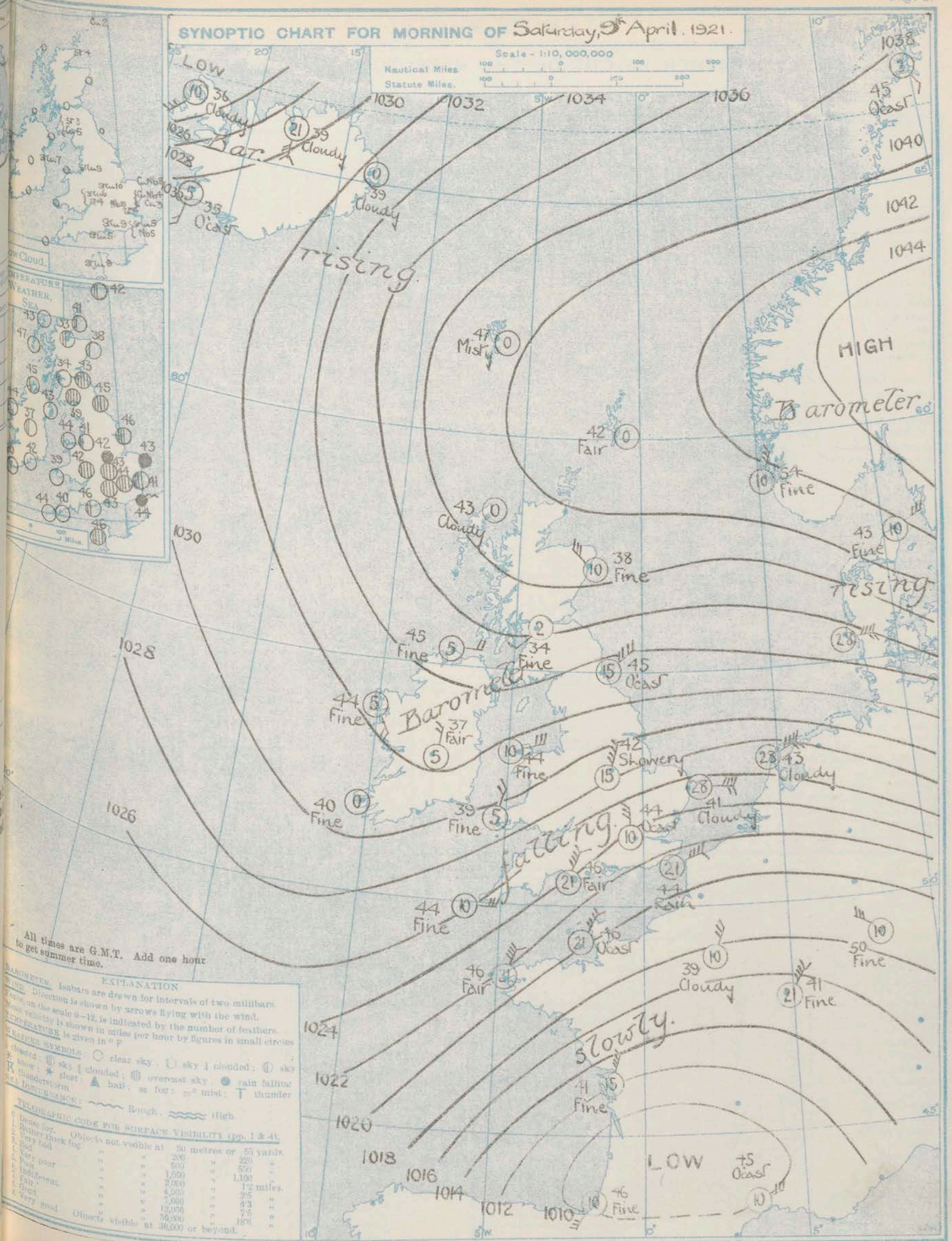
Position Number.	4A	5	3	6	8	2
Date	8th	8th	8th	8th	8th	9th
Time G.M.T.	0500	0732	1015	1300	1312	0145
Sea ° F	45	46	46	49	47	47
Air ° F	41	43	45	48	49	47

GENERAL INFERENCE.

A fall of the barometer which has extended over England from the Continent will cause some rain or drizzle in many localities in the East and South-East, but in the North and North-West the weather will continue fair.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind between East and North-East, moderate or fresh, stronger locally. Mainly cloudy or overcast, some rain or drizzle; visibility fair generally. Cold.	Temperature continuing rather low with the wind between North and East.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Wind North-East, moderate, fresh at times; becoming less fair; perhaps some showers. Visibility mainly fair; cold.	
9. N. Midlands 10. N.E. England	Same as 1-3	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N.&N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind from between North-East and South-East, light or moderate; fair to cloudy. Visibility fair or good. Cold.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.00 G. C. SIMPSON, F.R.S., Director.



H.M. Stationery Office Press, Kingsway, W.C.2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....SATURDAY, 9th APRIL.....1921. No. 99...

Observations at 0100 G.M.T. 9th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1041·2	+2	-	0	bc-	43	75	5	-	-	-	-	0	*
Stornoway	1040·3	+2	-	0	bc-	*	*	7*	*	*	*	*	*	*
Wick	1040·2	+2	SSE	2	bc+	44	92	8	-	-	-	Ci.St.	4	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1035·7	0	ESE	3	bc	46	97	6	-	-	-	-	0	*
Renfrew	1038·4	+1	ENE	1	co+	37	92	8	-	-	-	A.St	9	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1037·4	0	NE	4	bc	38	92	7	4000	St	1	-	1	*
Tynemouth	1036·3	0	NE	3	bc	43	85	8	-	-	-	-	0	*
Blacksod Point ...	1035·0	0	SE	1	bc-	46	92	8	-	-	-	-	0	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1034·5	0	S	2	bc+	38	85	6	4000	St.Cu	2	-	2	*
Holyhead	1033·2	0	ENE	5	bc	*	*	8	-	-	-	-	0	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	1033·5	-1	NNW	1	bc	35	?	8	-	-	-	-	0	*
Spurn Head	1030·9	-3	NE	5	bc	43	92	8	-	-	-	-	0	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1031·4	-2	NNE	3	bc	38	97	8	-	-	-	-	0	*
Gorleston	1027·2	-2	ENE	6	bc-	45	85	8	-	-	-	-	0	*
Pulham	1028·5	+2	NNE	3	bc	41	92	7	-	-	-	-	0	*
Felixstowe	1027·8	-2	NNE	4	bc	42	92	8	-	-	-	-	0	*
Valencia (Cahirciveen)	1032·1	0	NW	2	bc	44	*	*	*	*	*	*	*	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Anu's H.)	1030·4	0	NE	3	bc	42	75	7	-	-	-	-	0	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London	1027·6	-1	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1027·5	-2	NE	5	co	42	92	7	1500	St	10	-	10	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1025·3	-1	NE	7	co-	44	92	8	4000	Cu	7	-	7	*
Scilly (St. Mary's) ...	1027·5	0	ENE	5	bc	47	85	8	-	-	-	-	0	*
Falmouth	1027·3	-1	NE	4	bc	43	65	8	-	-	-	-	0	*
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1026·6	+1	NE	5	bc	49	85	8	-	-	-	-	0	*
Calshot	1027·0	-1	NE	4	bc	48	85	8	-	-	-	-	0	*
Dungeness	1024·9	0	ENE	7	co+	47	97	9	-	?	?	?	7	*
Jersey (Guernsey 1h.)	1024·2	+1	E	9	co+	47	65	8	-	CuNb	7	-	7	*

Observations at 0700 G.M.T. 9th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	1041·6	0	-	0	bc+	42	97	6	4000	Cu	2	Ci	4
Stornoway	1038·6	0	-	0	bc	43	85	8	-	-	-	-	0
Wick	1039·5	-1	NNE	2	bc-	41	97	7	5750	St	4	-	4
Castlebay	1037·0	0	ENE	2	bc	47	92	6	-	-	-	-	0
Nairn	1039·2	*	-	0	bc	33	*	*	*	*	*	*	*
Aberdeen	1039·2	0	NW	3	bc	38	92	8	-	-	-	A.Cu	1
Malin Head	1035·2	0	E	2	bc	45	97	8	-	-	-	Ci	1
Renfrew	1036·9	-2	SW	1	bc	34	92	7	-	-	-	Ci	1
Leith	1035·8	0	ENE	1	bc+	43	*	*	*	*	*	*	*
Eskdalemuir	1035·0	-3	NNE	4	co+	39	85	8	4000	St	8	-	8
Tynemouth	1033·4	-2	NE	4	co	45	85	7	-	-	-	A.St	9
Blacksod Point ...	1032·9	-2	SE	2	bc	44	85	7	-	-	-	-	0
Donaghadee	1034·4	0	E	2	bc-	43	85	8	-	-	-	-	0
Birr Castle	1032·5	*	NNE	2	bc+	37	97	4	4000	-	-	A.St	4
Baldonnell	1032·5	-2	NE	2	fb-	30	92	4	4000	St.Cu	7	-	7
Holyhead	1031·0	-2	ENE	5	bc	44	75	8	-	-	-	A.Cu	1
Liverpool (Bidston) ...	1030·7	-2	ENE	1	bc+	41	75	5	-	-	-	Ci.Cu	5
Manchester (Alex.Pk.)	1030·1	-3	NE	5	co+	43	85	5	4000	St.Cu	9	-	9
Howden	1030·0	-2	NNE	3	co+	43	92	7	4000	St	9		9
Spurn Head	1028·3	-2	NE	5	co+	46	92	9	4000	Cu	2	A.St	6
Nottingham	1028·1	*	NNE	4	do	42	85	4	4000	St.Cu	7	Ci.St	10
Cranwell	1027·7	-3	NE	4	co/r	43	97	8	1500	St.Cu	10	-	10
Gorleston	1025·1	-3	ESE	6	hr	43	85	8	5750	CuNb	8	-	8
Pulham	1024·9	-2	ENE	5	co/r	42	92	7	4000	St.Cu	9	-	9
Felixstowe	1024·0	-2	NE	4	r	41	97	8	1500	CuNb	7	-	7
Valencia (Cahirciveen)	1030·8	-1	-	0	bc	40	75	8	-	-	-	-	0
Roches Point	1030·6	-1	NNE	1	bc-	42	92	7	-	-	-	-	0
Pembroke (St. Anu's H.)	1029·4	-1	NE	2	bc	39	85	8	-	-	-	-	0
Ross-on-Wye	1027·1	-3	NE	4	co	42	85	7	2500	St.Cu	10	-	10
Benson...	1024·8	-4	NNE	4	co	43	92	6	-	St	10	-	10
S. Farnborough ...	1024·1	-3	ENE	3	co/r	43	85	8	1500	Nb	10	-	10
London	1023·8	-5	N	3	co+	44	85	6	2500	St	4	A.Cu	8
Croydon	1024·0	-5	NNE	5	co	43	92	6	800	St	10	-	10
Clacton-on-Sea ...	1023·8	-2	NNE	4	co/r	41	92	7	1500	CuNb	4	A.St	7
Shoeburyness	1023·7	-4	NNE	3	co-	42	85	7	1500	St.Cu	9	-	9
Grain	1023·4	-3	NNE	4	bc/r	42	92	6	1500	Nb	10	-	10
Lympne	1021·9	-3	ENE	6	co/r	42	92	9	2500	St.Cu	10	-	10
Scilly (St. Mary's) ...	1026·0	-1	E	3	bc	44	92	8	-	-	-	-	0
Falmouth	1025·3	-2	NNE	3	bc	40	85	8	-	-	-	Ci.St	6
Plymouth	1025·1	-1	N	2	co-	43	75	8	2500	St.Cu	2	Ci.St	5
Portland Bill	1024·1	-3	NE	5	bc+	46	92	8	1500	St.Cu	5	-	10
Calshot	1024·4	-4	NNE	3	co+	43	85	8	2500	St.Cu	9	A.Cu	8
Dungeness	1021·5	-3	ENE	5	r0	44	97	8	-	?	?	?	9
Jersey (Guernsey 1h.)	1020·9	0	NE	5	co	46	75	8	2500	St.Cu	9	-	9

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 8th

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 7th-8th	Rainfall.† Day 9h.-18h. 8th	Sunshine. Sunrise to 17h. 8th hr.	Sunshine. Sunrise to Sunset. 7th hr.
					mm.	mm.	hr.	hr.
Banff	b	b	36	32	-	-	10.5	1.7
Montrose	b	b	48	27	-	-	10.6	6.7
Llandudno	b	b	51	35	-	-	10.4	10.6
Colwyn Bay ...	b	b	56	33	-	-	9.5	11.1
Rhyl...	b	b	51	40	-	-	10.0	11.5
Southport	b	b	57	32	-	-	10.7	11.7
Blackpool	b	b	57	34	-	-	10.5	11.7
Harrogate	b	b.bc	52	30	-	-	8.9	10.1
Skegness	b	b	50	43	-	-	10.7	11.9
Aberystwyth ...	cc b	b b	57	37	-	-	10.5	11.7
Bath	b	b	56	35	-	-	10.0	8.9
Leamington Spa ...	b	c	56	32	-	-	9.0	11.0
Lowestoft	b	b.bc	49	43	-	-	9.3	12.2
Felixstowe	bm	b	53	37	-	-	10.4	11.3
Southend	bq	bq	53	36	-	-	10.0	10.6
Ilfracombe	b	b	53	40	-	-	9.3	11.3
Bude	b	b	56	37	-	-	11.0	10.1
Penzance	b	b	54	42	-	-	10.5	8.7
Torquay	b	b	56	40	-	-	10.6	9.5
Weymouth	b	b	57	37	-	-	10.2	9.0
Bournemouth ...	b	b	56	36	-	-	11.0	10.0
Portsmouth (S'thsea)	-	-	57	36	-	-	10.5	10.0
Worthing	b	b	54	38	-	-	10.5	10.3
Brighton	b	b	55	39	-	-	10.4	9.9
Eastbourne	b	b	53	38	-	-	10.4	10.4
Hastings	b	b	53	39	-	-	11.2	11.0
Folkestone	b	bcb	53	43	-	-	10.8	?
Tunbridge Wells ...	b	b	53	36	-	-	9.7	10.0
Ramsgate	-	-	49	43	-	-	10.3	11.5
Margate	b	b	48	44	-	-	8.9	11.2

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 21,689 SUNDAY, 10th APRIL 1921. Page 1.

Observations at 1800 G.M.T. 9th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1040·8	0	E	2	bc	50	86	7	-	-	-	Ci	5	*
Stornoway	1037·3	-1	SSE	2	bc	55	85	9	-	-	-	Ci	1	*
Wick	1038·7	-1	ESE	3	bc	46	92	8	-	-	-	A.Cu	2	*
Castlebay	1035·2	-1	ENE	3	bc	55	68	7	-	-	-	-	-	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1038·4	0	E	4	bc	53	75	8	1500	St	1	-	1	*
Malin Head	1032·6	-3	NE	3	bc	50	92	8	-	-	-	Ci	1	*
Renfrew	1033·7	-2	ENE	5	bc	50	65	8	2500	Cu	5	-	5	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1032·4	0	E	6	obo	45	85	8	2500	St	10	-	10	*
Tynemouth	1033·0	0	E	5	co+	46	75	8	7250	St Cu	10	-	10	*
Blacksod Point	1030·0	-3	ENE	2	bc	53	65	8	-	-	-	-	-	*
Donaghadee	1030·7	-3	ENE	4	bc+	50	75	8	4000	Cu	8	-	8	*
Barr Castle	1028·6	*	NNE	3	bc-	53	65	8	2500	Cu	2	-	2	*
Haldonnell	1028·4	-4	ENE	5	co+	49	75	6	800	St Cu	10	-	10	*
Holyhead	1026·1	-5	ENE	7	co+	46	86	8	2500	Cu	8	-	8	*
Liverpool (Bidston)	1025·9	-3	ENE	6	bc/r	47	65	7	3750	Cu	3	Ci-Cu	6	*
Manchester (Alex. Pk.)	1027·2	-1	NE	6	co+	46	75	7	800	Cu Nb	9	A.St	10	*
Howden	1027·7	-2	ENE	6	co/r	45	85	7	1500	St Cu	10	-	10	*
Spurn Head	1025·4	-2	NE	6	obo	46	85	7	4000	Cu Nb	8	-	8	*
Nottingham	1024·6	*	ENE	5	co/r	48	75	6	2500	Nb	5	A.Cu	8	*
Cranwell	1025·2	-2	ENE	5	co	47	92	8	1500	St Cu	10	-	10	*
Gorleston	1022·8	-2	ESE	6	co+	45	85	7	2500	Cu Nb	10	-	10	*
Pulham	1022·6	-2	ENE	5	PR-	43	85	7	800	Nb	10	-	10	*
Felixstowe	1022·8	-2	ENE	5	co+	47	86	8	2500	Nb	9	-	9	*
Valencia (Cahirciveen)	1027·1	-3	NE	4	bc+	54	85	8	4000	St	1	-	1	*
Roches Point	1026·0	-4	E	3	bc+	53	65	8	2500	Cu	5	-	5	*
Pembroke (St. Ann's H.)	1024·3	-3	NE	3	co+	47	85	8	1500	St	8	-	8	*
Ross-on-Wye	1022·2	-5	ENE	5	co-	44	85	8	4000	Cu Nb	5	Ci	6	*
Benson	1021·5	-1	NNE	5	obo	43	85	6	-	-	-	-	-	*
S. Farnborough	1020·4	-2	E	4	co-	48	75	8	1500	St Cu	9	-	9	*
London	1021·0	-2	ENE	5	co	48	65	6	2500	Cu Nb	8	Ci	9	*
Croydon	1021·0	-2	ENE	5	co-	46	75	8	1500	Cu	10	-	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1021·1	-2	NE	5	co-	47	75	7	2500	St Cu	7	-	7	*
Grain	1021·1	-2	ENE	5	co/r	46	75	8	800	St Cu	10	-	10	*
Lympne	1020·0	-1	ENE	6	co	46	85	9	1500	St Cu	9	-	9	*
Scilly (St. Mary's)	1022·3	-3	NE	3	co-	47	85	8	3750	St Cu	9	-	9	*
Falmouth	1020·4	-6	NNE	4	co+	50	65	7	-	St Cu	9	-	9	*
Plymouth	1020·1	-5	NE	5	bc	49	65	8	2500	St Cu	4	A Cu	6	*
Portland Bill	1020·0	-4	NE	5	bc	47	92	8	-	-	-	A.St	5	*
Calshot	1019·6	-4	NE	5	co	48	75	8	2500	St Cu	9	-	9	*
Dungeness	1019·4	-2	ENE	5	co+	49	97	8	-	-	-	-	7	*
Jersey	1017·5	-1	N-NE	5	co	49	75	8	2500	St Cu	7	-	7	*

Observations at 1800 G.M.T. 9th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1040·3	+1	SE	1	bc-	48	75	7	-	-	-	-	-	0
Stornoway	1034·9	-2	SE	2	bc	52	65	9	-	-	-	-	-	0
Wick	1037·8	-2	SE	4	bc	45	92	8	4000	Cu	3	Ci Cu	6	3
Castlebay	1033·2	-1	NNW	3	bc+	54	65	7	-	-	-	A Cu	2	2
Nairn	1035·5	*	E	3	bc	49	*	*	*	*	*	*	*	*
Aberdeen	1037·5	0	NE	3	co+	45	85	8	1500	St	7	-	7	0
Malin Head	1031·2	-2	NE	4	bc	48	97	8	-	-	-	Ci	1	3
Renfrew	1033·2	0	ENE	4	co+	46	75	8	2500	St Cu	9	-	9	*
Leith	1033·9	*	E	4	co	46	75	8	2500	St Cu	7	-	7	*
Eskdalemuir	1031·3	0	NE	6	co	42	75	8	2500	St Cu	8	-	8	*
Tynemouth	1031·4	-2	E	5	co	45	85	7	5750	Cu Nb	7	-	7	7
Blacksod Point	1026·3	-2	NE	4	bc	53	65	8	-	-	-	Ci Cu	1	1
Donaghadee	1029·1	-1	ENE	5	co+	48	75	8	4000	St Cu	9	-	9	4
Barr Castle	1026·2	*	NNE	3	co+	51	75	8	4000	Cu Nb	6	-	6	*
Haldonnell	1026·9	-1	ENE	4	co+	47	75	7	1500	St Cu	6	A.St	8	*
Holyhead	1026·1	-2	ENE	7	obo	45	92	8	1500	Nb	6	A.St	8	8
Liverpool (Bidston)	1024·9	-1	ENE	5	co/r	43	85	6	1500	Cu Nb	10	-	10	4
Manchester (Alex. Pk.)	1025·0	-1	NE	6	dd	44	85	6	450	St	10	-	10	*
Howden	1025·6	-2	NE	5	co	45	97	6	1500	St	10	-	10	*
Spurn Head	1023·4	-2	NE	6	co	47	85	7	-	-	-	Ci Cu	7	2
Nottingham	1023·2	*	ENE	4	co/r	45	92	4	2500	Nb	7	Ci St	10	*
Cranwell	1023·5	-1	ENE	4	co	45	97	6	800	St Cu	10	-	10	*
Gorleston	1020·8	-2	ENE	3	bc-	48	85	5	-	-	-	Ci	3	1
Pulham	1020·4	-2	NE	3	co-	48	85	7	800	St	3	Ci	7	*
Felixstowe	1019·9	-3	NNE	3	bc-	48	85	8	-	-	-	-	-	4
Valencia (Cahirciveen)	1024·2	-2	NE	5	co-	51	65	8	4000	Cu	2	-	2	3
Roches Point	1024·0	-2	ENE	4	co-	48	75	8	4000	Cu Nb	6	Ci Cu	9	3
Pembroke (St. Ann's H.)	1021·5	-2	ENE	3	bc+	44	85	9	4000	Cu Nb	4	-	4	3
Ross-on-Wye	1021·5	0	NE	3	bc/r	41	92	7	4000	Cu Nb	4	-	4	*
Benson	1020·5	-1	NE	1	bc-	47	85	8	-	Cu	5	-	5	*
S. Farnborough	1019·7	-1	ENE	3	co	47	75	8	2500	St Cu	8	-	8	*
London	1020·0	-1	NE	3	co+	47	75	6	4000	St Cu	10	-	10	*
Croydon	1019·9	0	E	5	co	45	85	7	1500	St Cu	10	-	10	*
Clacton-on-Sea	1019·3	-2	NNE	3	bc-	48	85	7	*	*	*	*	*	0
Shoeburyness	1019·1	-2	NE	3	bc	47	75	6	4000	Cu	1	-	1	*
Grain	1019·4	-1	NE	4	co	46	85	7	2500	St Cu	10	-	10	*
Lympne	1018·3	-2	NNE	5	bc	44	92	7	-	-	-	Ci St	4	*
Scilly (St. Mary's)	1019·4	-1	ENE	3	co	45	92	8	4000	Cu Nb	8	-	8	0
Falmouth	1018·7	-2	NNE	2	obo	43	85	7	-	Cu Nb	7	-	7	*
Plymouth	1018·7	-2	ENE	4	or+	40	92	8	2500	Nb	10	-	10	*
Portland Bill	1019·2	-1	NE	5	bc-	47	92	8	-	-	-	Ci Cu	2	4
Calshot	1018·8	0	ENE	4	bc-	49	75	8	4000	Cu	3	Ci St	5	1
Dungeness	1018·7	-2	NE	4	bc-	47	97	8	-	-	-	-	5	3
Jersey	1015·6	-2	NE	5	bc-	49	75	8	-	-	-	Ci	1	3

LONDON OBSERVATIONS.

	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 HOURS ENDED 0900 G.M.T. 10th							YESTERDAY.		TO-DAY.
Kew } 24 hours ended 0700	hzhr	c	c	*	*	37	1	4·1	*	*
Croydon } 24 hours ended 0700	hzhr	oo	oo	*	*	38	2	*	*	*
Greenwich (Royal Obsy.)	o.ir.oh	oir	obobo	57	42	32	1	4·5	65	69
City (Bunhill Row)	*	*	*	*	*	*	*		*	*
Westminster (St. James's Pk.)	*	*	*	56	43	40	1		58	68
Regents Pk. (Botanical Gdns.)	*	*	*	*	*	*	*		*	*
Camden Sq. (Brit. Rainfall)	cph	c	*	60	43	35	1	*	79 (18h.)	68
Kensington Palace	bc	obc	*	55	44	38	0·2	*	72	70
Hampstead Observatory	*	*	*	56	40	*	2	4·0	*	65

ATMOSPHERIC POLLUTION.

Lbs. of Solid impurity per million cubic yards.

24 HR. ended 1800 G.M.T.

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.

SOLAR RADIATION.

Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..... joules

Average Rate ..... Milliwatts.

Maximum Rate ..... Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from ..... h. ..... m. to ..... h. ..... m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris			
δ Ursae Minoris			

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

10th April 1921.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·8	11·54	6·40
Greenwich	5·6	11·54	6·41
Wick	5·18	12·1	6·44
Valencia	5·16	12·1	6·46
	5·17	12·13	7·9
	5·14	12·13	7·11
	5·53	12·42	7·26
	5·56	12·42	7·28

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, *i.e.*, rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; – = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
r.r.r. = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·8
3	8-12	3·9- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

§ For code see page 4

M.O. Form 2370.

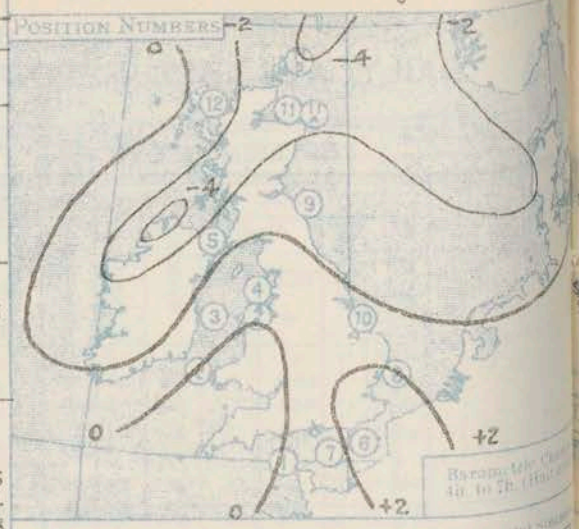
SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 9h	13h.-18h. 9h	18h.-1h. 9h to 1h. 10h	1h.-7h. 10h	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	SUN. Hours.
Lerwick	b or bc	b or bc	b or bc	b or bc	52	41	*	-	*	-	*
Stornoway	b or bc	b or bc	b or bc	b or bc	57	34	*	-	-	-	11.7
Wick	b or bc	b or bc	oo	b or bc	48	43	*	-	-	-	*
Castlebay	b or bc	b or bc	b or bc		55	44	*	-	-	-	11.7
Nairn	b or bc	b or bc	bec cgm		57	33	*	-	-	-	9.4
Aberdeen	b or bc	c	c		53	40	36	-	-	-	8.2
Malin Head	b or bc	c	b or bc	c	51	44	*	-	-	-	11.7
Renfrew	b or bc	c	oo	oo	53	43	42	-	-	-	10.8
Leith	c		c		51	44	*	-	-	-	*
Eskdalemuir	oo	p	oo	oo	50	40	39	trace	-	1230	8.3
Tynemouth	b or bc	p	b or bc	b or bc	47	44	*	trace	-	1330	*
Blacksod Point ...	b or bc	b or bc	b or bc	b or bc	55	43	*	-	-	-	*
Donaghadee	b or bc	c	c		50	45	*	-	-	-	*
Birr Castle	b or bc	p	h or hr		54	41	36	trace	1	1630	8.5
Baldonnell	c	p	r or d	fom	52	39	*	1	0.1	1430	7.4
Holyhead	p	c	S or RS	c	50	43	31	1	0.2	1100	9.8
Liverpool (Bidston) ...	p	p	oo		49	45	*	1	-	1100	3.8
Manchester (Alex.Pk.)	p	r or d	c		48	44	46	3	-	1230	*
Howden	h or hr	r or d	c	c	47	45	34	2	-	-	1.9
Spurn Head	p	c	b or bc	c	48	39	*	1	-	-	*
Nottingham	p	p	c		49	44	40	2	-	9.0	2.2
Cranwell	c	h or hr	b or bc	c	48	43	40	3	0.1	1330	2.6
Gorleston	h or hr	oo	b or bc	c	49	41	45	1	-	9.0	7.3
Pulham	p	c	c	c	49	45	*	1	-	9.0	3.2
Felixstowe	p	c	b or bc	c	50 49	45	*	0.5	-	1100	5.1
Valencia (Cahirciveen)	b or bc	b or bc	c	c	55	43	40	-	0.1	1430	10.5
Roches Point	b or bc	p	b or bc		56	42	*	0.3	trace	1630	*
Pembroke (St.Ann's H.)	c	c	b or bc	c	50	38	*	-	-	-	5.4
Ross-on-Wye	p	p	p		47 48	38	31	5	trace	1430.1730	2.2
Benson...	p	p	oo		49	42	36	3	-	9.0	*
S. Farnborough ...	h or hr	r or d	c		51	41	35	1	-	9.0	4.4
London	h or hr	c	c		50	44	37	1	-	9.0	4.1
Croydon	h or hr	oo	oo	fom	41	39	33	2	trace	0730	*
Clacton-on-Sea ...	c	c	c		48	46	42	0.6	-	9.0	4.2
Shoeburyness	p	c	b or bc		50	41	39	4	0.1	9.0 1630	2.7
Grain	p	oo	oo		48	43	39	0.3	-	-	1.3
Lympne	p	oo	b or bc	b or bc	47	44	44	1	-	*	6.5
Scilly (St. Mary's) ...	b or bc	c	c	p	49	42	*	-	0.2	1330	5.8
Falmouth	c	p	b or bc	fom	53	37	30	1	-	1430	6.4
Plymouth	c	p	r or d		51	40	*	1	0.4	1330	6.0
Portland Bill	c	c	c	c	51	40	*	-	-	-	*
Calshot	r or d	oo	oo	p	50	43	42	0.2	-	-	4.0
Dungeness	p	c	b or bc	b or bc	50	43	*	1	-	-	
Jersey	p	c	c	b or bc	53	45	*	?	-	9.0	6.0

ISALLOBARS

Sunday, 10th April

POSITION NUMBERS



Barometric Change 4h. to 7h. GMT

Temperature reported from Cross Channel and Coastal Stations

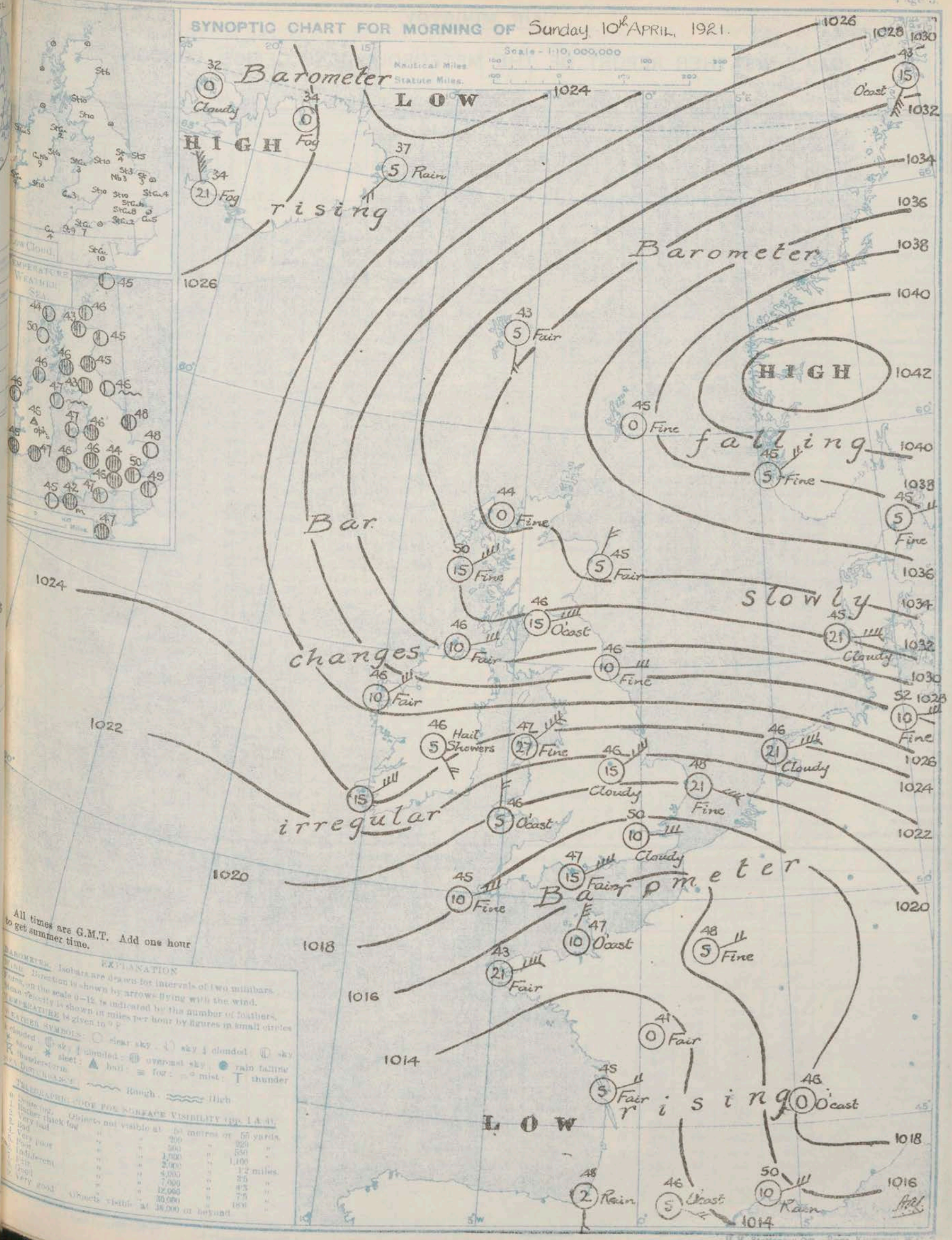
Position Number	7	12	4a	5	3	1	2	7	4a
Date	9th	9th	9th	9th	9th	9th	10th	10th	10th
Time G.M.T.	0445	0330	0630	0623	1000	1240	0330	0215	0522
Sea ° F	44	46	44	45	46	49	47	46	46
Air ° F	46	46	44	43	46	45	47	48	47

GENERAL INFERENCE.

The large anticyclone over Scandinavia continues, but the depression in the South of France is filling up. Rather cold Easterly winds will continue over the British Isles with some local showers of rain or hail but considerable bright intervals.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday 10th April 1921	Further Outlook
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Moderate Easterly winds; possibly some local showers of rain or hail, but considerable bright intervals; visibility good; rather cold.	Easterly winds and rather cold but mainly fair weather for the next few days.
14. N.& N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland	Light to moderate Easterly winds, possibly some local showers of rain or hail, but considerable bright intervals; Visibility good, rather cold.	
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate Easterly or North-Easterly winds; varying amount of cloud, some local showers of rain or hail; visibility fair to good; rather cold.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at G. C. SIMPSON, F.R.S. Dir.



All times are G.M.T. Add one hour to get summer time.

EXPLANATION

BAROMETER. Isobars are drawn for intervals of two millibars.

WIND. Direction is shown by arrows flying with the wind. Force, on the scale 0–12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.

TEMPERATURE is given in ° F.

WEATHER SYMBOLS:- ○ clear sky ; ◐ sky ¼ clouded ; ◑ sky ½ clouded ; ◒ sky ¾ clouded ; ● overcast sky ; ● rain falling ; ✱ snow ; ✱ sleet ; ▲ hail ; ≡ fog ; ∴ mist ; T thunder ; R thunderstorm.

SEA. ROUGHNESS: Rough ; High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (Rp. 1 A 4).

0	Dense fog. Objects not visible at	50	metres or	55	yards.
1	Thick fog	"	"	200	"	220	"
2	Very bad	"	"	500	"	550	"
3	Very poor	"	"	1,000	"	1,100	"
4	Poor	"	"	2,000	"	1 1/4 miles.	
5	Indifferent	"	"	4,000	"	2½	"
6	Fair	"	"	7,000	"	4½	"
7	Good	"	"	12,000	"	7½	"
8	Very good	"	"	30,000	"	18½	"
9	Objects visible at	30,000 or beyond					

H.M. Stationery Office Press, Kingsway, W.C.2

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION Sunday 10th April 1921. No. 100.

Observations at 0100 G.M.T. 10th

Stations	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10
Lerwick	1039·1	-1	SSE	1	bc-	44	85	6	-	-	-	-	-
Stornoway	1036·6	+2	NE	3	bc-	·	·	·	·	-	-	-	-
Wick	1037·4	0	ESE	3	bc+	44	97	8	4000	Cu	5	-	5
Castlebay	·	·	·	·	·	·	·	·	·	·	·	·	·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	·	·	·	·	·	·	·	·	·	·	·	·	·
Malin Head	1030·4	-4	ENE	4	bc+	46	97	8	-	-	-	A.Cu	3
Renfrew	1031·7	-4	NE	4	co+	46	75	8	2500	St	9	-	9
Leith	·	·	·	·	·	·	·	·	·	·	·	·	·
Eskdalemuir	1030·7	-1	NE	4	co	43	85	6	2500	St	10	-	10
Tynemouth	1029·3	-1	E	4	bc	46	92	7	·	-	-	-	-
Blacksod Point	1027·8	-1	NE	4	bc	46	75	7	-	-	-	-	-
Donaghadee	·	·	·	·	·	·	·	·	·	·	·	·	·
Birr Castle	·	·	·	·	·	·	·	·	·	·	·	·	·
Baldonnell	1025·4	-2	NE	5	roro	45	92	6	1500	St	10	-	10
Holyhead	1023·9	0	ENE	6	co/s	·	·	7	1500	Nb	10	-	10
Liverpool (Bidston)	·	·	·	·	·	·	·	·	·	·	·	·	·
Manchester (Alex. Pk.)	·	·	·	·	·	·	·	·	·	·	·	·	·
Howden	1024·7	0	NE	4	bc	46	92	6	4000	St	3	·	3
Spurn Head	1023·0	-4	NE	4	co+	46	76	8	2500	St	9	·	9
Nottingham	·	·	·	·	·	·	·	·	·	·	·	·	·
Cranwell	1022·8	-1	NE	4	bc+	47	97	6	2500	StCu	3	-	3
Gorleston	1020·1	0	E	6	bc	49	85	8	-	-	-	-	-
Pulham	1019·8	-1	ENE	4	bc+	49	75	7	4000	StCu	2	·	2
Felixstowe	1018·4	-1	NE	5	bc	50	75	8	-	-	-	-	-
Valencia (Cahirciveen)	1024·9	+1	ENE	5	bc	45	·	·	·	·	·	·	·
Roches Point	·	·	·	·	·	·	·	·	·	·	·	·	·
Pembroke (St. Ann's H.)	1021·6	0	NE	3	bc	41	97	9	-	-	-	-	3
Ross-on-Wye	·	·	·	·	·	·	·	·	·	·	·	·	·
Benson	·	·	·	·	·	·	·	·	·	·	·	·	·
S. Farnborough	·	·	·	·	·	·	·	·	·	·	·	·	·
London	1017·9	-1	·	·	·	·	·	·	·	·	·	·	·
Croydon	1018·7	-2	NNE	1	bc	42	97	5	800	St	4	·	4
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	·	·	·	·	·	·	·	·	·	·	·	·	·
Grain	·	·	·	·	·	·	·	·	·	·	·	·	·
Lympne	1016·1	-2	NNE	5	bc	47	92	7	-	-	-	-	-
Scilly (St. Mary's)	1019·1	0	E	4	bc-	44	92	8	-	·	-	-	-
Falmouth	1018·8	0	NE	2	bc	38	92	8	·	StCu	1	-	1
Plymouth	·	·	·	·	·	·	·	·	·	·	·	·	·
Portland Bill	1019·2	0	ENE	4	bc+	47	92	8	1500	StCu	5	·	5
Calshot	1017·1	-4	N	3	co	46	92	8	-	-	-	A.St	10
Dungeness	1015·9	-1	NE	3	bc	49	97	7	-	·	-	-	2
Jersey (Guernsey Ih.)	1017·2	0	NNE	4	bc-	45	86	8	4000	Nb	3	-	3

Observations at 0700 G.M.T. 10th

Stations	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10
Lerwick	1036·7	-4	-	0	bc	45	85	8	-	-	-	Ci Cu	2
Stornoway	1034·5	0	-	0	bc	44	85	8	-	-	-	Ci St	2
Wick	1034·9	-2	SSE	2	bc	46	92	8	-	-	-	A.Cu	5
Castlebay	1031·5	-1	NE	4	bc	50	75	8	-	-	-	-	·
Nairn	1034·5	·	ENE	2	[illegible]	39	40	·	·	·	·	·	·
Aberdeen	1034·4	-1	NNE	2	co	45	92	7	800	St	6	-	6
Malin Head	1027·7	-4	ENE	3	bc+	46	97	7	-	-	-	A.St	5
Renfrew	1031·0	-1	ENE	4	co	46	85	7	1500	St	10	·	10
Leith	1031·6	-1	NNE	5	co	45	·	·	·	·	·	·	·
Eskdalemuir	1029·8	+1	NE	5	co	43	85	6	1500	St	10	-	10
Tynemouth	1028·6	-1	E	3	bc	46	92	7	-	-	-	A.Cu	2
Blacksod Point	1026·3	-2	NE	3	bc+	46	85	8	4000	StCu	5	-	5
Donaghadee	1027·3	0	ENE	4	bc-	47	85	8	5750	StCu	2	-	2
Birr Castle	1024·3	·	SE	2	opho	46	92	6	2500	Cu Nb	9	-	9
Baldonnell	1024·9	0	NE	5	co	46	92	5	800	St	6	A.St	10
Holyhead	1022·6	-2	NE	6	bc-	47	97	8	4000	StCu	3	·	3
Liverpool (Bidston)	1023·3	0	ENE	3	co	46	85	5	1500	Nb	10	-	10
Manchester (Alex. Pk.)	1023·5	-1	NE	6	co	46	85	7	800	St	10	·	10
Howden	1024·4	+1	NE	5	cu-	46	92	6	2500	St	4	A.Cu	7
Spurn Head	1022·7	0	E	6	co	48	85	7	4000	St	5	Ci Cu	8
Nottingham	1021·9	·	NE	4	co+	46	92	4	4000	Nb	3	Ci St	8
Cranwell	1022·3	+1	NE	4	co+	46	92	7	2500	St	3	A.St	10
Gorleston	1019·7	+1	ESE	5	bc-	48	85	7	-	-	-	Ci Cu	4
Pulham	1019·8	+1	ENE	3	bc-	50	75	7	5750	St	3	Ci Cu	5
Felixstowe	1019·1	+1	ENE	4	co	49	85	8	4000	StCu	4	A.St	10
Valencia (Cahirciveen)	1024·1	0	NE	4	co	45	85	8	1500	StCu	9	-	9
Roches Point	1023·3	0	NE	2	co	47	92	7	1500	St	10	·	10
Pembroke (St. Ann's H.)	1019·9	-1	N	2	co	46	92	7	4000	Cu	3	Ci St	9
Ross-on-Wye	1019·5	0	NE	3	co	46	85	6	800	St	10	·	10
Benson	1018·3	0	NNE	1	co	44	92	6	-	-	-	-	·
S. Farnborough	1017·8	+1	NE	2	co-	46	92	7	2500	StCu	8	A.Cu	9
London	1017·7	+3	E	3	co-	50	85	6	4000	StCu	6	Ci St	7
Croydon	1018·0	+2	N	2	co	47	92	5	2500	StCu	1	Ci St	7
Clacton-on-Sea	1018·0	+2	NE	3	co	50	86	6	?	Cu	3	A.Cu	8
Shoeburyness	1017·8	+2	NE	1	co/r	50	75	6	2500	StCu	5	Ci Cu	6
Grain	1017·7	0	ENE	1	ffb	49	85	6	5750	StCu	5	Ci	8
Lympne	1017·1	+2	E	4	co	51	85	7	-	-	-	A.Cu	6
Scilly (St. Mary's)	1018·3	-1	ENE	3	bc+	45	92	7	4000	Cu	4	-	4
Falmouth	1018·0	-1	NNE	3	ffo	42	92	6	-	St	9	-	9
Plymouth	1016·7	-1	N	2	od	44	92	7	2500	StCu	7	Ci St	10
Portland Bill	1016·2	-3	ENE	4	bc+	47	92	8	-	-	-	A.St	5
Calshot	1016·4	+1	NNE	3	co-	47	83	7	4000	StCu	2	A.Cu	8
Dungeness	1016·8	+2	E	1	bc+	49	97	7	-	Cu	5	-	5
Jersey (Guernsey Ih.)	1015·8	0	NNE	3	co	47	85	8	2600	StCu	10	-	10

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 9th

Stations	Weather Forenoon.	Weather Afternoon.	Temperature Max. °F.	Temperature Min. °F.	Rainfall.† Night 18h.-9h. 8th-9th mm.	Rainfall.† Day 9h.-18h. 9th mm.	Sunshine Sunrise to 17h. 9th hr.	Sunshine Sunrise to Sunset. 8th hr.
Banff	mbcb	bdc	34	34	·	·	6·5	12·1
Montrose	b	b	51	30	·	·	9·2	10·6
Llandudno	c	c	49	42	-	9	3·5	11·8
Colwyn Bay	bcc	obc	51	37	-	-	0-0	9·5
Rhyl	cpc	bcp	50	44	·	1	3·2	11·2
Southport	bcp	bcpo	51	37	·	-	4·2	10·7
Blackpool	op	co	51	37	-	2	4·6	11·7
Harrogate	oc	o	44	35	-	8	1·1	10·8
Skegness	osc	co	48	42	4	2	2·6	11·4
Aberystwyth	obb	oro	50	39	·	2	6·5	11·5
Bath	orc	bcco	49	41	·	1	3·8	11·0
Leamington Spa	o	cb	49	39	-	7	4·0	9·0
Lowestoft	cobc	cbc	48	41	5	·	3·0	9·6
Felixstowe	ogp	bm	49	40	9	5	4·1	11·1
Southend	opoc	co	48	39	3	2	2·2	11·0

Stations	Weather Forenoon.	Weather Afternoon.	Temperature Max. °F.	Temperature Min. °F.	Rainfall.† Night 18h.-9h. 8th-9th mm.	Rainfall.† Day 9h.-18h. 9th mm.	Sunshine Sunrise to 17h. 9th hr.	Sunshine Sunrise to Sunset. 8th hr.
Ilfracombe	bbcc	cp	49	44	-	7	4·7	10·3
Bude	b	cor bc	50	41	-	9	4·7	11·7
Penzance	bc	bcc	52	40	-	-	7·5	11·1
Torquay	ocbc	chrbr	50	41	-	2	4·6	11·6
Weymouth	cpc	cpc	55	40	-	2	2·0	10·3
Bournemouth	?	?	50	40	-	0·3	2·5	11·5
Portsmouth (S'thsea)	-	-	51	41	-	-	3·9	11·2
Worthing	bc	cbc	51	42	-	1	5·5	12·0
Brighton	opbc	bcc	53	42	4	5	6·6	11·4
Eastbourne	orbc	bc	49	41	6	3	6·7	11·2
Hastings							3·4	10·8
Folkestone	ro	oc	52	42	2	1	3·1	10·4
Tunbridge Wells	orc	co	49	40	2	2	3·5	10·6
Ramsgate	bc	b	44	40	-	-	2·0	8·9
Margate	c	c	48	41	-	-		

* Information for these columns not usually received. † Trace of rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.21,690 MONDAY, 11th APRIL 1921.

Observations at 1300 G.M.T. 10th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1034·6	-2	S	1	bc	50	85	8	-	-	-	-	-	*
Stornoway	1032·4	-2	ESE	1	bc	54	75	9	-	-	-	-	-	*
Wick	1033·6	-1	ENE	1	bc-	48	92	7	-	-	-	-	-	*
Castlebay	1030·6	-1	ENE	4	bc+	55	75	8	-	St	1	-	1	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1032·6	-2	NE	3	bc-	55	75	8	-	-	-	Ci	1	*
Malin Head	1027·7	-2	ENE	2	bc-	52	97	8	-	-	-	Ci	1	*
Renfrew	1029·3	-2	ENE	5	bc	54	65	7	2500	Cu	2	Ci	4	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1028·0	0	NE	5	co-	54	65	8	4000	Cu	3	Ci St	8	*
Tynemouth	1028·3	-1	NE	3	ifo	48	85	5	2500	?St	6	Ci St	4	*
Blacksod Point	1025·5	-1	WSW	2	bc-	52	85	6	-	-	-	Ci St	3	*
Donaghadee	1026·5	-1	NNE	4	bc	50	85	8	4000	Cu	4	-	4	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1024·8	0	NE	3	co	50	85	6	800	St Cu	10	-	10	*
Holyhead	1023·4	-1	ENE	6	co	50	85	7	4000	St Cu	4	Ci St	10	*
Liverpool (Bidston)	1022·5	-1	ENE	4	co	52	75	5	-	-	-	Ci Cu	10	*
Manchester (Alex. Pk.)	1022·8	-1	NE	3	co	52	75	6	1500	St	2	Ci St	10	*
Howden	1024·5	-1	NE	5	co	49	85	6	1500	St Cu	7	-	10	*
Spurn Head	1022·7	0	E	5	co	50	75	8	-	-	-	Ci St	9	*
Nottingham	1022·0	*	NE	4	co	54	75	6	4000	St Cu	3	Ci Cu	8	*
Cranwell	1022·7	0	ENE	4	co	50	85	8	2500	St Cu	10	-	10	*
Gorleston	1020·3	+1	E	4	bc-	52	85	7	-	-	-	-	-	*
Pulham	1020·2	0	ENE	3	bc	57	65	8	-	-	-	-	-	*
Felixstowe	1020·2	0	ENE	4	bc	54	65	8	-	-	-	-	-	*
Valencia (Cahirciveen)	1023·1	-2	E	4	co	54	75	7	1500	St Cu	5	Ci Cu	6	*
Roches Point	1022·1	-1	ENE	3	co	57	75	7	2500	St Cu	8	Ci St	10	*
Pembroke (St. Ann's H.)	1019·1	-1	N	3	co	55	75	8	4000	Cu	8	-	8	*
Ross-on-Wye	1019·7	0	NE	4	co-	57	75	6	4000	Cu	5	-	9	*
Benson	1018·0	0	NE	3	bc-	61	65	6	-	Cu	3	-	-	*
S. Farnborough	1018·3	+1	E	3	co	68	45	8	5750	Cu	4	Ci	8	*
London	1018·2	0	E	3	bc+	62	55	6	5750	Cu	2	-	2	*
Croydon	1018·4	+2	E	3	bc+	65	65	7	4000	Cu	3	Ci	5	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1019·4	+2	NE	2	bc-	55	55	7	-	-	-	Ci St	2	*
Grain	1019·4	+1	NE	4	bc	52	85	7	-	-	-	-	-	*
Lympne	1019·0	0	-	0	co⊕	63	55	9	4000	Cu	1	Ci St	7	*
Scilly (St. Mary's)	1018·4	0	N	3	co+	52	85	6	1500	St	10	-	10	*
Falmouth	1017·2	-0	ESE	2	fo-	55	75	6	-	St Cu	9	-	9	*
Plymouth	1016·7	+1	ENE	3	co/r	57	65	7	4000	St Cu	7	-	7	*
Portland Bill	1016·2	0	NE	4	bc-	50	92	7	-	-	-	Ci Cu	2	*
Calshot	1018·4	+2	ESE	4	co+	53	85	7	-	-	-	Ci	7	*
Dungeness	1018·9	+1	ENE	2	bc	59	97	7	-	-	-	Ci	5	*
Jersey	1016·4	0	E	3	bc	56	75	8	2500	St Cu	1	-	1	*

Observations at 1800 G.M.T. 10th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1031·9	-2	SSE	1	bc	48	85	8	-	-	-	Ci	1	0
Stornoway	1030·3	-1	E	1	bc	55	65	9	-	-	-	-	-	0
Wick	1031·4	-2	S	1	bc	47	92	8	-	-	-	-	-	0
Castlebay	1029·6	0	NNW	3	bc+	53	85	8	-	St	2	-	2	2
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1031·2	-1	E	2	co+	45	92	8	800	St	10	-	10	1
Malin Head	1027·7	+1	NNE	3	bc-	50	97	8	-	-	-	Ci	2	1
Renfrew	1028·7	+1	ENE	4	co	~~48~~ 50	75	~~6~~ 7	-	-	-	Ci	8	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1027·1	-2	NE	4	bc	46	75	8	-	-	-	Ci St	5	*
Tynemouth	1027·9	0	ENE	3	co	45	92	7	1500	St	10	-	10	4
Blacksod Point	1025·3	+1	NE	3	bc	52	55	7	1500	St	3	-	3	4
Donaghadee	1025·5	-1	NNE	2	bc	53	75	8	-	-	-	Ci Cu	3	1
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1024·1	0	NE	3	co-	50	85	6	800	Cu	4	Ci St	7	*
Holyhead	1022·1	0	E	6	bc-	51	85	7	-	-	-	Ci Cu	2	4
Liverpool (Bidston)	1023·0	+1	E	3	bc-	50	75	5	-	-	-	Ci St	2	3
Manchester (Alex. Pk.)	1023·3	+1	E	7	co-	48	75	4	1500	St Cu	7	Ci Cu	9	*
Howden	1024·9	+1	NE	5	δo	46	92	6	1500	St	5	-	10	*
Spurn Head	1023·1	0	NE	4	co+	47	75	8	-	-	-	Ci St	10	2
Nottingham	1023·3	*	NE	3	co	48	85	5	2500	St	10	-	10	*
Cranwell	1023·6	+2	NNE	4	co	48	85	8	~~2500~~ 2500	St Cu	10	-	10	*
Gorleston	1021·0	+1	NE	3	bc+	48	92	6	-	-	-	Ci	2	0
Pulham	1020·9	+1	?ENE	2	bc	51	85	7	-	-	-	Ci St	3	*
Felixstowe	1020·8	0	NE	3	bc	52	75	8	-	-	-	Ci St	3	2
Valencia (Cahirciveen)	1022·2	0	N	4	co	55	65	7	1500	St Cu	5	Ci Cu	7	0
Roches Point	1021·5	0	NE	2	co-	56	85	7	2500	St Cu	3	Ci Cu	7	0
Pembroke (St. Ann's H.)	1019·2	0	ENE	2	co	54	85	7	-	-	-	Ci St	7	1
Ross-on-Wye	1020·3	+1	ENE	3	co	54	75	7	4000	Cu	6	Ci St	9	*
Benson	1019·0	+1	NE	1	pro	54	85	7	-	Cu	9	-	9	*
S. Farnborough	1019·1	+2	ENE	3	co	60	65	8	2500	St Cu	6/10	-	7	*
London	1019·8	+3	NE	3	co	57	65	6	5750	St Cu	6	-	6	*
Croydon	1020·1	+3	NE	3	co-	54	75	7	4000	St Cu	6	Ci St	7	*
Clacton-on-Sea	1020·2	0	NNE	3	bc/r	54	75	6	-	-	-	Ci Cu	5	0
Shoeburyness	1020·0	+1	NE	1	bc+	51	75	7	4000	St Cu	2	-	2	*
Grain	1020·3	+1	NE	2	bc	50	92	7	-	-	-	Ci	4	0
Lympne	1019·7	+2	NNE	4	co	55	75	7	-	-	-	Ci St	7	*
Scilly (St. Mary's)	1018·2	0	NE	1	co-	52	92	6	5750	Cu	2	-	2	3
Falmouth	1017·4	+1	ESE	2	fo	53	75	5	-	St Cu	8	-	8	*
Plymouth	1017·4	+2	E	3	co-	52	85	7	-	-	-	Ci St	5	*
Portland Bill	1017·5	+2	NE	3	bc	50	85	7	-	-	-	-	*	0
Calshot	1018·8	+1	-	0	bc-	56	75	8	2500	Cu	1	-	1	0
Dungeness	1018·9	0	ENE	2	bc	54	97	7	-	-	-	Ci Cu	5	2
Jersey	1016·2	0	ENE	3	co	60	65	8	2500	St Cu	7	-	7	3

LONDON OBSERVATIONS.

	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 HOURS ENDED 0900 G.M.T. 11th							YESTERDAY.		TO-DAY.
Kew } 24 hours ended 0700	b or bc	c	b or bc	*	*	44	-	8·0	*	*
Croydon } 24 hours ended 0700	b or bc	c	b or bc	*	*	40	-	*	*	*
Greenwich (Royal Obsy.)	b	bc	bco	66	44	36	-	9·3	51	81
City (Bunhill Row)	*	*	*	*	*	*	*		*	*
Westminster (St. James' Pk.)	*	*	*	66	46	43	-	8·6	52	74
Regents Pk. (Botanical Gdns.)	*	*	*	*	*	*	*		*	
Camden Sq. (Brit. Rainfall)	*	*	*	69	45	40	-	*	(18h.)	84
Kensington Palace	~~*~~ b	~~*~~ b	*	58	45	42	-	*		81
Hampstead Observatory	b	bco	0	63	42	*	-	9·0	*	91

ATMOSPHERIC POLLUTION.

Lbs. of Solid impurity per million cubic yards.

24 Hr. ended 1600 G.M.T. 10th

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.

SOLAR RADIATION.

Vertical component per square centimetre.

During yesterday.

South Kensington.

Total 1338 joules

Average Rate 27·7 Milliwatts.

Maximum Rate 62 Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 10th 20h. 0m. to 11th 04h. 0m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	8·0	3·47	47
δ Ursae Minoris	8·0	3·36	45

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

11th to 12th April 1921.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·6	11·54	6·41
	5·4	11·54	6·43
Greenwich	5·16	12·1	6·46
	5·14	12·1	6·48
Wick	5·14	12·13	7·11
	5·11	12·13	7·14
Valencia	5·36	12·12	7·28
	5·34	12·12	7·30

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, *i.e.*, rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
ro ro = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

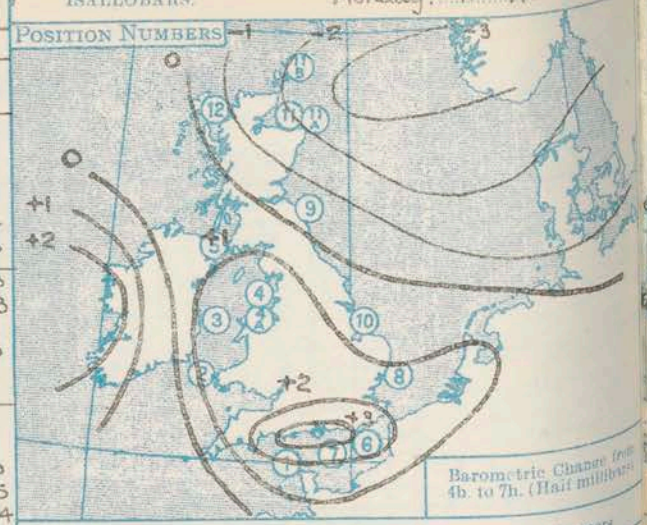
* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 10th	13h.-18h. 10th	18h.-1h. 10th to 1h. 11th	1h.-7h. 11th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	SUN. Hours.
Lerwick	bor bc	bor bc	b or bc	b or bc	51	42	*	–	–	–	*
Stornoway	bor bc	bor bc	b or bc	b or bc	56	39	*	–	–	–	11·0
Wick	b or bc	bor bc	oo	oo	49	41	*	–	–	–	*
Castlebay	bor bc	bor bc	b or bc		55	44	*	–	–	–	12·0
Nairn	c bc	q bc	bcm		50	34	*	0·1			9·2
Aberdeen	bor bc	bor bc	oo		53	42	41	–	–	–	9·3
Malin Head	bor bc	bor bc	b or bc	b or bc	53	42	*	–	–	–	10·3
Renfrew	bor bc	c	c	oo	55	42	42	–	–	–	9·3
Leith	bor bc	b or bc	oo	oo	48	42	42	–	–	–	*
Eskdalemuir	c	c	oo	oo	55	38	38	–	–	–	8·3
Tynemouth	c	form	b or bc	oo	50	43	*	–	–	–	*
Blacksod Point ...	c	c	b or bc	b or bc	53	47	*	–	–	–	*
Donaghadee	bor bc	bor bc	b or bc		54	43	*	–	–	–	*
Birr Castle	h or hr	h or hr	S or RS	c	56	41	35	trace	–	–	16·6
Baldonnell	oo	form	form	fam	51	42	39	0·1	–	11.00	0·5
Holyhead	c	c	b or bc	b or bc	53	43	38	–	–	–	1·4
Liverpool (Bidston) ...	oo	form	b or bc		55	42	37	–	–	–	3·1
Manchester (Alex.Pk.)	oo	oo	c		55	41	32	–	–	–	*
Howden	oo	oo	oo	oo	53	43	40	–	–	–	2·3
Spurn Head	c	c	oo	b or bc	52	44	*	–	–	–	0.0
Nottingham	c	c	oo		54	44	43	–	–	–	1·1
Cranwell	c	c	c	c	55	43	43	trace	–	1230	4·0
Gorleston	bor bc	bor bc	b or bc	oo	53	43	39	–	–	–	10·0
Pulham	bor bc	bor bc	?	form	57	33	29	–	–	–	11·3
Felixstowe	bor bc	bor bc	b or bc	oo	55	42	*	–	–	–	9·2
Valencia (Cahirciveen)	c	c	b or bc	b or bc	56	47	44	–	–	–	7·2
Roches Point	oo	c	b or bc		59	43	*	–	trace	–	*
Pembroke (St. Ann's H.)	c	c	b or bc	c	59	44	*	–	–	–	6·8
Ross-on-Wye	oo	c	oo		57	44	43	–	–	–	1·6
Benson	bor bc	p	oo		62	44	40	0·3	–	1630	*
S. Farnborough ...	bor bc	bor bc	oo		68	45	40	–	–	–	9·4
London	bor bc	c	b or bc		65	45	44	–	–	–	8·0
Croydon	bor bc	c	b or bc	oo	65	43	40	–	–	–	*
Clacton-on-Sea ...	p	p	c		55	43	41	0·1	–	–	9·8
Shoeburyness	bor bc	bor bc	form		57	42	36	–	–	–	10·1
Grain	bor bc	bor bc	oo		55	43	39	–	–	–	10·6
Lympne	bor bc	bor bc	c	b or bc	64	46	43	–	–	–	11·3
Scilly (St. Mary's) ...	c	c	b or bc	c	54	47	*	–	–	–	4·1
Falmouth	form	form	b or bc	r or d	56	45	38	–	1	1630	5·3
Plymouth	c	c	b or bc		60	46	*	trace	–	–	5·9
Portland Bill	c	bor bc	b or bc	oo	52	43	*	–	–	–	*
Calshot	bor bc	c	c	p	56	47	46	–	–	–	10·8
Dungeness	bor bc	bor bc	b or bc	c	61	47	*	–	–	–	*
Jersey	bor bc	bor bc	c	r or d	61	31	*	–	0·6	1430	10·0

ISALLOBARS. Monday, 11th April 1921.



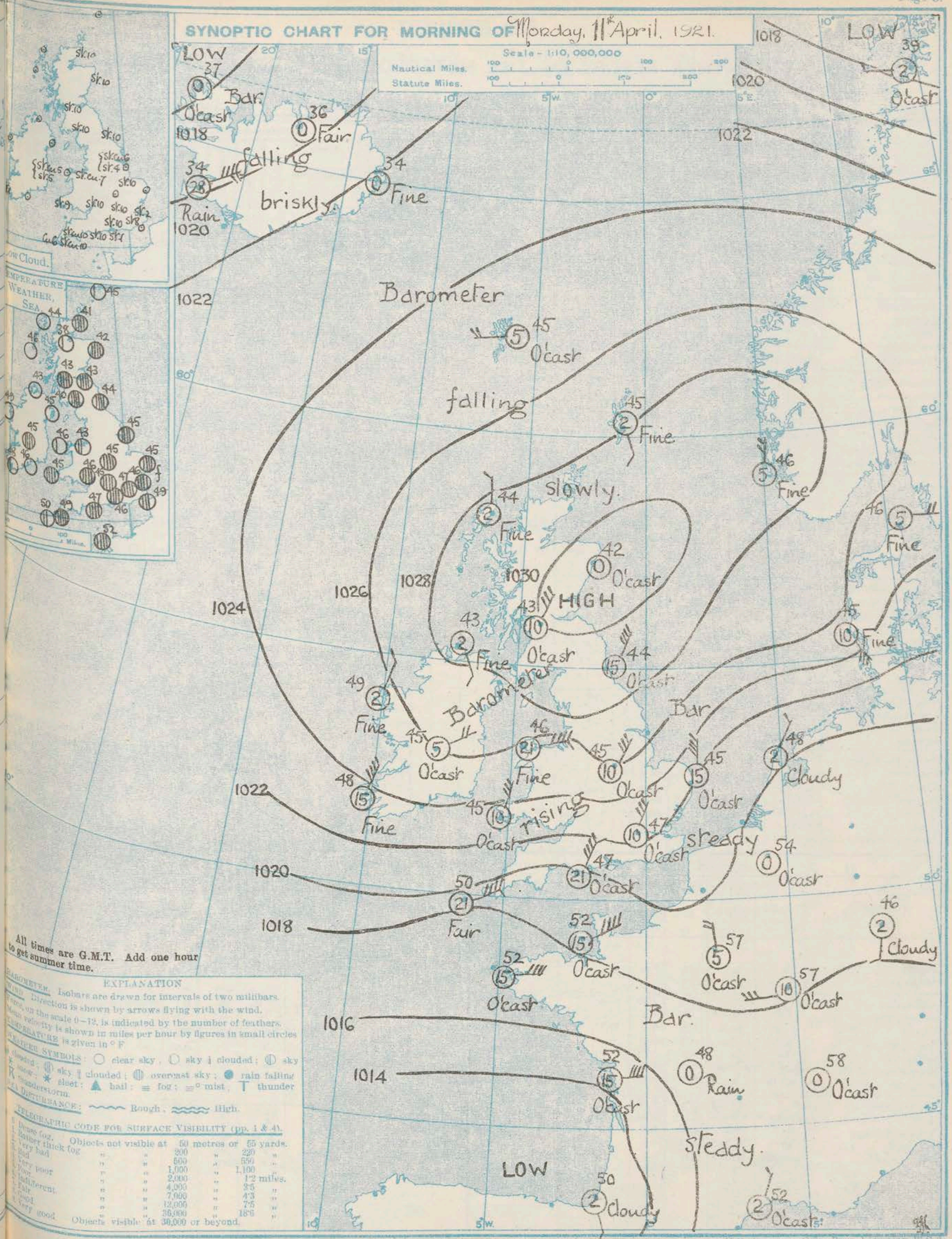
Temperature reported from Cross Channel and Coastal Steamers

Position Number.	3
Date	10th
Time G.M.T.	1 0 9
Sea ° F.	48
Air ° F	48

GENERAL INFERENCE.

The anticyclone covering the Northern districts will maintain mainly fair weather. In the South however local showers may be expected.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Wind North-East or East, moderate to fresh; varying amount of low cloud, probably some showers; visibility fair to good; moderate temperature.	Mainly fair but perhaps showers in the South.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind North-East or East, moderate; varying amount of low cloud; visibility fair to good; moderate temperature.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Wind light variable; fair generally; visibility fair to good; moderate temperature.	
14. N.&N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind South-West light or moderate, freshening later; fair at first probably rain later; visibility fair; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind Easterly light or moderate; fair generally; visibility fair; mild.	



H.M. Stationery Office Press, Lithgow, W.C.2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION... MONDAY ... 11th APRIL ... 1921. No. 101.

Observations at 0100 G.M.T. ..... 11th .....

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1031·1	0	-	0	bc	45	65	7	-	-	-	-	-	*
Stornoway	1031·9	0	-	0	bc-	*	*	*	*	*	*	*	*	*
Wick	1029·8	-2	SSE	2	Co+	43	97	7	-	-	-	-	-	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1028·5	0	ESE	1	bc	47	97	8	-	-	-	-	-	*
Renfrew	1030·2	0	NE	3	Co	43	85	7	1500	St	10	-	10	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1029·6	0	NNE	3	Co	40	92	6	2500	St	10	-	10	*
Tynemouth	1028·5	0	N	4	Co	44	92	6	1500	St	10	-	10	*
Blacksod Point ...	1026·6	+3	NE	2	bc	49	85	7	-	-	-	-	-	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1026·2	+1	-	0	bc+	43	92	5	1500	St Cu	4	A.St	5	*
Holyhead	1024·6	+2	ENE	6	bc-	?	?	8	-	-	-	-	-	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	1026·3	0	NNE	3	Co	45	97	5	1500	St	10	-	10	*
Spurn Head	1024·7	0	NNE	4	bc	45	92	7	-	-	-	-	-	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1025·1	+1	N	4	Co	45	97	97	2500	St Cu	10	-	10	*
Gorleston	1022·2	+1	N	3	bc-	46	92	7	-	-	-	-	-	*
Pulham	1022·8	0	N	3	fo+	43	97	2	<150	St	10	-	10	*
Felixstowe	1022·0	+1	NNE	3	bc+	43	97	8	-	-	-	Ci	4	*
Valencia (Cahirciveen)	1023·6	+2	NNE	5	bc	49	*	*	*	*	*	*	*	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1021·7	+1	NE	3	bc-	48	92	7	?	?	?	?	3	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London	1022·1	+1	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1021·2	0	NNE	3	Co+	46	92	7	1500	St	10	-	10	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1020·3	0	NE	6	bc	45	92	7	-	-	-	Ci. St	4	*
Scilly (St. Mary's) ...	1018·6	0	ENE	3	bc	49	97	8	-	-	-	-	-	*
Falmouth	1018·6	0	NE	3	bc	46	85	8	-	St	1	-	1	*
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1019·0	+1	ENE	3	bc	49	85	8	-	-	-	-	-	*
Calshot	1020·7	+1	N	2	Co+	50	85	8	2500	St	8	A.St	10	*
Dungeness	1019·9	0	NE	1	bc-	50	97	8	-	-	-	-	-	*
Jersey (Guernsey 1h.)	1017·9	+1	ESE	4	Co+	49	92	7	5750	Cu	7	-	7	*

Observations at 0700 G.M.T. ..... 11th .....

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1027·9	-3	SSE	1	bc	45	92	7	-	-	-	Ci Cu	2	*
Stornoway	1029·2	-1	N	1	bc	44	92	8	-	-	-	-	-	*
Wick	1028·5	-1	S	2	Co	41	97	8	800	St	10	-	10	*
Castlebay	1029·3	*	-	0	bc	46	97	8	-	-	-	-	-	*
Nairn	1029·9	*	-	0	m	38	*	*	*	*	*	*	*	*
Aberdeen	1030·3	+1	-	0	Co	42	92	7	1500	St	10	-	10	*
Malin Head	1028·8	0	SE	1	bc	43	97	7	-	-	-	-	-	*
Renfrew	1029·8	0	NE	3	Co	43	85	6	800	St	10	-	10	*
Leith	1029·6	0	NNE	1	Co	43	*	*	*	*	*	*	*	*
Eskdalemuir	1029·2	+1	NNE	3	Co	40	97	6	1500	St	10	-	10	*
Tynemouth	1028·4	0	NNE	4	Co	44	92	7	2500	St	10	-	10	*
Blacksod Point ...	1025·8	+2	NE	1	bc	49	85	7	-	-	-	-	-	*
Donaghadee	1027·7	+1	NE	3	bc	45	92	8	-	-	-	-	-	*
Birr Castle	1026·0	*	ENE	2	Co+	45	92	7	4000	-	-	A.St	8	*
Baldonnell	1026·5	+1	NE	3	Co+	44	92	5	-	St	10	-	10	*
Holyhead	1025·1	+1	E	5	bc	46	92	7	-	-	-	A Cu	2	*
Liverpool (Bidston) ...	1025·8	+1	ENE	1	bc+	43	85	6	-	-	-	A.Cu	5	*
Manchester (Alex.Pk.)	1025·3	+1	NE	2	Co+	44	85	4	4000	St Cu	7	-	7	*
Howden	1026·3	0	N	4	Co	43	97	6	800	St Cu	10	-	10	*
Spurn Head	1024·7	0	NNE	6	Co+	45	92	8	-	-	-	A.St	10	*
Nottingham	1025·1	*	NE	3	Co+	45	92	4	?	-	-	A.St	10	*
Cranwell	1025·2	0	N	4	Co	43	97	5	450	St	10	-	10	*
Gorleston	1021·4	0	N	4	fo-	45	97	5	-	-	-	Ci.St	10	*
Pulham	1022·9	0	NNW	3	Co	45	97	4	800	St	10	-	10	*
Felixstowe	1022·3	+1	N	3	Co	45	97	7	-	-	-	Ci St	10	*
Valencia (Cahirciveen)	1023·0	+2	NE	4	bc	48	75	8	2500	St	1	-	1	*
Roches Point	1023·8	+1	NE	2	bc-	46	92	7	-	-	-	-	-	*
Pembroke (St. Ann's H.)	1023·1	+1	NE	3	Co+	45	65	7	4000	St	9	-	9	*
Ross-on-Wye	1024·3	+1	ENE	3	Co	46	85	6	2500	St	10	-	10	*
Benson...	1023·3	+1	NE	4	Co	45	92	5	-	St	10	-	10	*
S. Farnborough ...	1022·9	+2	NE	3	Co	46	92	6	800	St	10	-	10	*
London	1023·1	+1	N	3	Co+	47	85	6	2500	St	8	A.St	10	*
Croydon	1022·7	+3	NE	3	Co	46	97	4	800	St	10	-	10	*
Clacton-on-Sea ...	1021·6	0	N	4	Co+	46	92	5	1500	St	2	A.St	10	*
Shoeburyness	1021·6	+1	N	1	fb-	46	85	5	4000	Cu	6	A.St	10	*
Grain	1022·9	+1	-	0	Co	46	92	5	4000	St	3	A.St	10	*
Lympne	1021·1	+2	NNE	5	Co-	46	97	7	-	-	-	A.St	10	*
Scilly (St. Mary's) ...	1017·8	0	E	5	Co-	50	97	7	4000	Cu	6	-	6	*
Falmouth	1019·8	+3	ENE	4	Co	49	85	7	-	St Cu	10	-	10	*
Plymouth	1019·5	+2	E	3	Co	50	75	8	4000	St Cu	10	-	10	*
Portland Bill	1020·4	+2	NE	5	Co+	47	85	7	-	-	-	-	-	4
Calshot	1022·2	+3	ENE	3	Co	47	92	7	1500	St	1	A.St	10	0
Dungeness	1020·1	+2	ENE	2	Co+	49	97	7	7250	St Cu	8	-	8	2
Jersey (Guernsey 1h.)	1018·6	0	ENE	4	Co/r	52	85	8	1500	St	10	-	10	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR ..... 10th .....

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 9th-10th mm.	Rainfall.† Day 9h.-18h. 10th mm.	Sunshine. Sunrise to 17h. 10th hr.	Sunshine. Sunrise to Sunset. 9th hr.
Banff	b	b	56	36	-	-	9·7	7·2
Montrose								
Llandudno	0 c	c	54	44	0·3	-	2·8	3·5
Colwyn Bay ...	bc	bcc	47	43	1	-	2·6	0·0
Rhyl...	c. bc	bc. c	55	48	0·5	-	1·5	3·2
Southport	bc.	c. bc	58	44	-	-	5·7	4·2
Blackpool	bc	c	57	37	-	-	7·0	4·6
Harrogate	oc bc	bc. c. o	50	40	-	-	0·3	1·1
Skegness	o. b.	b	51	46	-	-	6·0	2·6
Aberystwyth ...	o. o. c	c. cq/	55	40	-	-	0·0	6·5
Bath	o. c. bc. b	b. bc. c	61	42	0·3	-	3·9	4·3
Leamington Spa ...	c. b.	bc	58	40	-	-	5·8	4·0
Lowestoft	bc. b	b. bc	52	46	-	-	8·3	3·0
Felixstowe	bcm	bz	54	46	-	-	8·3	4·3
Southend	bc. b	b	59	43	-	-	9·0	2·2

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 9th-10th mm.	Rainfall.† Day 9h.-18h. 10th mm.	Sunshine. Sunrise to 17h. 10th hr.	Sunshine. Sunrise to Sunset. 9th hr.
Ilfracombe ...	b. bc	c. bc	56	41	1	-	3·1	4·7
Bude								7·6
Penzance	upre	o. c. bc	53	41	0·5	0·3	2·0	4·6
Torquay	c. bzy	c. bz	59	41	trace	trace	6·2	2·0
Weymouth	b.	b	61	40	-	-	8·0	
Bournemouth ...	b.	b	58	40	-	-	9·5	3·6
Portsmouth (S'thsea)	b.	b.	62	44	-	-	9·8	3·6
Worthing	b.	b	63	44	-	-	9·9	5·6
Brighton	b.	b. bc	64	45	-	-	10·2	7·3
Eastbourne	b.	b	60	44	-	-	10·[illegible]	7·6
Hastings	b.	b. bc	64	44	-	-	10·5	?
Folkestone	6	6	62	46	-	-	10·3	3·4
Tunbridge Wells ...	b	b. bc	65	41	-	-	8·9	3·1
Ramsgate	b.	b	55	43	0·5	-	10·1	3·5
Margate	6	6	57	46	0·3	-	10·1	2·1

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 8. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.2169 TUESDAY, 12th APRIL 1921.

Observations at 1800 G.M.T. 11th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low Form.	Cloud. Low Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1026.1	-4	WSW	2	co+	45	85	6	2500	St	10	-	10	*
Stornoway	1028.8	-2	-	0	bc	55	65	9	-	-	-	Ci.St	2	*
Wick	1027.0	0	SSW	4	bc-	46	97	8	-	-	-	Ci.St	2	*
Castlebay	1029.1	0	NW	2	ffb	51	97	6	-	St	2	-	2	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1028.3	+2	SE	3	bc-	54	75	8	-	-	-	-	0	*
Malin Head	1028.5	0	NE	2	bc	51	97	7	-	-	-	-	0	*
Renfrew	1028.6	-3	NE	2	co	46	85	5	1500	St	10	-	10	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1028.0	-2	NE	2	co-	47	75	7	4000	Cu	5	A.St	6	*
Tynemouth	1027.9	-1	NNE	3	co	45	85	7	2500	St	10	-	10	*
Blacksod Point	1027.6	+1	N	2	bc	55	75	8	-	-	-	-	0	*
Donaghadee	1027.3	-1	E	2	bc	49	85	7	-	-	-	-	0	*
Birr Castle	1025.3	*	ENE	2	bc-	56	75	8	-	-	-	A.Cu	5	*
Valdonnell	1026.7	0	ENE	4	co	50	75	6	1500	St.Cu	8	-	8	*
Holyhead	1025.4	0	ENE	5	co	50	85	7	-	-	-	A.St	7	*
Liverpool (Bidston)	1024.7	-2	NE	1	co	55	65	5	-	-	-	A.St	6	*
Manchester (Ainx.Pk.)	1005.0	-2	NE	4	co+	50	75	5	4000	St.Cu	9	-	9	*
Howden	1025.4	-3	~~NNW~~ N	4	co-	52	85	6	2500	Cu	2	A.Cu	8	*
Spurn Head	1024.2	0	NNW	6	co	48	85	7	450	St	10	-	10	*
Nottingham	1024.7	*	NNE	3	co-	52	75	6	4000	St.Cu	4	A.Cu	7	*
Cranwell	1024.8	-1	NNE	4	co	49	85	7	1500	St	10	-	10	*
Gorleston	1022.0	0	N	4	co	54	75	7	-	-	-	A.Cu	9	*
Pulham	1012.1	-1	NNW	4	co	53	85	7	4000	St.Cu	3	A.St	8	*
Felixstowe	1021.2	-3	NNE	4	co-	58	65	8	-	-	-	Ci	7	*
Valencia (Cahirciveen)	1023.5	0	ENE	5	bc+	55	65	8	-	-	-	A.Cu	2	*
Roches Point	1024.3	-1	E	2	co	55	85	7	2500	St.Cu	10	-	10	*
Pembroke (St.Ann's H.)	1023.2	0	NE	2	co	52	85	7	5750	St.Cu	10	-	10	*
Ross-on-Wye	1023.4	-2	NE	3	co	52	75	4	800	St	10	-	10	*
Benson	1021.6	-1	NE	4	co	50	85	6	-	St	10	-	10	*
S. Farnborough	1022.0	-1	ENE	3	co-	56	75	7	2500	St.Cu	3	A.St	8	*
London	1021.8	-1	N	4	co-	53	75	7	5750	Cu	4	Ci.St	8	*
Croydon	1021.9	-1	N	3	co-	54	75	6	1500	St	4	A.Cu	8	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1021.0	-1	NNW	3	bc-	61	65	6	-	-	-	Ci.St	5	*
Grain	1021.3	-2	NNE	3	bc	59	65	6	-	-	-	A.St	5	*
Lympne	1020.0	-2	N	6	bc	56	85	7	-	-	-	A.St	4	*
Scilly (St. Mary's)	1019.5	+2	E	4	co+	51	92	7	2500	St	10	-	10	*
Falmouth	1019.5	-1	ENE	3	co	57	75	7	-	-	-	A.Cu	8	*
Plymouth	1019.2	-2	E	3	co-	60	65	8	2500	St.Cu	8	-	8	*
Portland Bill	1019.5	-1	NE	5	co-	51	85	7	1500	St.Cu	5	-	5	*
Calshot	1020.7	-3	NE	4	co	61	~~86~~ 65	7	-	-	-	A.Cu	7	*
Dungeness	1020.1	-1	NE	2	bc	60	97	7	-	-	-	Ci.Cu	5	*
Jersey	1018.3	0	ENE	5	co	56	75	8	2500	St.Cu	10	-	10	*

Observations at 1800 G.M.T. 11th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low Form.	Cloud. Low Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1023.8	-3	W	3	co+	47	85	6	4000	St.Cu	9	-	9	2
Stornoway	1026.6	-2	W	2	co+	51	75	8	-	-	-	A.St	10	0
Wick	1025.2	-1	N	1	co+	49	75	7	-	-	-	Ci.Cu	7	1
Castlebay	1027.5	-1	NW	3	bcff	50	97	8	<150	St	2	-	2	2
Nairn	1025.6	*	E	1	bc	46	*	*	*	*	*	*	*	*
Aberdeen	1026.3	-2	SSW	2	bc	45	85	8	-	-	-	-	0	0
Malin Head	1026.7	-2	NW	1	bc+	50	97	8	-	-	-	Ci	3	0
Renfrew	1026.0	-3	-	0	ffb	55	65	4	-	-	-	-	0	*
Leith	1026.2	*	-	0	bc-	49	75	7	-	-	-	-	-	*
Eskdalemuir	1025.8	0	ENE	1	bc	51	65	5	-	-	-	-	0	*
Tynemouth	1026.8	-1	NNE	3	co	43	85	8	2500	St	10	-	10	4
Blacksod Point	1025.9	-1	NE	3	bc	51	85	7	-	-	-	Ci	4	3
Donaghadee	1026.2	-2	NNE	2	bc	49	85	8	-	-	-	-	0	1
Birr Castle	1024.5	*	ENE	2	bc-	56	65	8	-	-	-	Ci.Cu	3	*
Valdonnell	1025.4	-1	ENE	3	bc	48	85	6	2500	St	2	A.St	3	*
Holyhead	1024.4	-2	NE	4	bc	49	85	7	-	-	-	Ci	5	1
Liverpool (Bidston)	1023.6	-1	E	3	bc	55	65	5	-	-	-	Ci.St	3	1
Manchester (Ainx.Pk.)	1024.0	-1	NNE	3	co+	52	75	5	4000	St.Cu	2	Ci	7	*
Howden	1024.7	0	N	3	bc-	49	85	6	-	-	-	Ci.St	3	*
Spurn Head	1023.4	0	NNW	6	bc	46	92	7	2500	St	3	Ci.Cu	6	1
Nottingham	1023.3	*	NE	3	co	49	75	5	-	-	-	Ci.Cu	7	*
Cranwell	1023.7	-1	NNE	4	co	47	85	7	1500	St	10	-	10	*
Gorleston	1021.2	-1	NNE	4	bc-	49	85	7	-	-	-	Ci	3	1
Pulham	1021.3	-1	N	3	bc	51	85	8	-	-	-	A.St	3	*
Felixstowe	1020.6	0	NNE	3	bc-	55	75	8	-	-	-	Ci.St	4	2
Valencia (Cahirciveen)	1023.0	0	NNE	3	bc-	59	65	8	4000	St.Cu	1	A.Cu	2	1
Roches Point	1023.4	-1	E	3	bc-	54	85	7	-	-	-	Ci.St	4	0
Pembroke (St.Ann's H.)	1021.3	-1	NNE	3	co	56	75	7	5750	St.Cu	8	-	8	1
Ross-on-Wye	1021.9	-2	ENE	3	co-	53	75	6	2500	St.Cu	2	Ci	6	*
Benson	1021.4	0	NE	4	bc-	49	85	6	-	Cu	2	Ci	4	*
S. Farnborough	1020.9	0	ENE	3	co+	51	75	7	-	-	-	A.Cu	8	*
London	1021.3	0	NNE	4	co	50	75	6	5750	St.Cu	4	Ci	7	*
Croydon	1020.9	0	NNE	3	co+	50	85	6	2500	St	4	Ci.Cu	9	*
Clacton-on-Sea	1020.0	-1	N	3	bc-	58	65	7	-	-	-	Ci	5	0
Shoeburyness	1020.3	-1	NNW	1	bc-	54	75	6	-	-	-	Ci	4	*
Grain	1020.5	0	NNE	3	co	55	75	6	-	-	-	A.St	8	0
Lympne	1019.2	0	N	5	co-	53	85	6	-	-	-	Ci.St	7	*
Scilly (St. Mary's)	1018.5	0	NE	3	co	52	92	7	5750	St.Cu	8	Ci.Cu	8	5
Falmouth	1018.5	-1	ENE	1	fb-	57	75	5	-	St.Cu	3	~~Ci.St~~	4	*
Plymouth	1019.6	0	NE	2	co	58	65	7	5750	St.Cu	6	Ci.St	9	*
Portland Bill	1018.1	-2	NE	5	co	53	85	7	1500	St.Cu	5	-	5	6
Calshot	1019.4	-1	NNE	3	co-	56	75	7	5750	St.Cu	7	Ci.St	8	0
Dungeness	1019.6	0	ENE	3	bc	55	97	7	7250	-	-	Ci.Cu	4	3
Jersey	1016.6	-1	NE	5	co	55	75	8	2500	St.Cu	10	-	10	3

LONDON OBSERVATIONS.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 HOURS ENDED 0900 G.M.T. 12th							YESTERDAY.		TO-DAY.
Kew } 24 hours ended 0700	c	c	c	*	*	41	–	3.3	*	*
Croydon	form	0.0	c.form	*	*	39	–	*	*	*
Greenwich (Royal Obsy.)	0.bbc	c	b	59	42	32	–	4.6	67	69
City (Bunhill Row)	*	*	*	*	*	*	*	3.5	*	*
Westminster (St. James' Pk.)	*	*	*	58	44	39	–	3.0	63	70
Regents Pk. (Botanical Gdns.)	*	*	*	*	*	*	*	4.7	*	*
Camden Sq. (Brit. Rainfall)	0.c	bc	*	61	42	36	–	*	64 (18h.)	71
Kensington Palace	0.bc	bc	*	57	42	36	–	*	82	71
Hampstead Observatory	*	*	*	53	41	37	–	4.6	*	70

ATMOSPHERIC POLLUTION. Lbs. of Solid impurity per million cubic yards.

24 Hr. ended 1600 G.M.T. 11th

South Kensington

Max.	Time.	Min.	Time.

Kew Observatory

Max.	Time.	Min.	Time.
2/2	10h. 11m	less than 1/2	4h 11m
1/2	20h. 10m		

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total 1141 joules

Average Rate 23.5 Milliwatts.

Maximum Rate 71 Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 11th 20h. 0m to 12th 4h. 0m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	8.0	2.0	25
δ Ursae Minoris	8.0	1.1	13

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

12th AND 13th APRIL 1921.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.4	11.54	6.43
	5.2	11.54	6.45
Greenwich	5.4	12.1	6.48
	5.12	12.1	6.50
Wick	5.11	12.13	7.14
	5.9	12.13	7.17
Valencia	5.54	12.42	7.30
	5.52	12.42	7.32

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, *i.e.*, rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; – = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
$f_o f_o$ = continuous light fain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

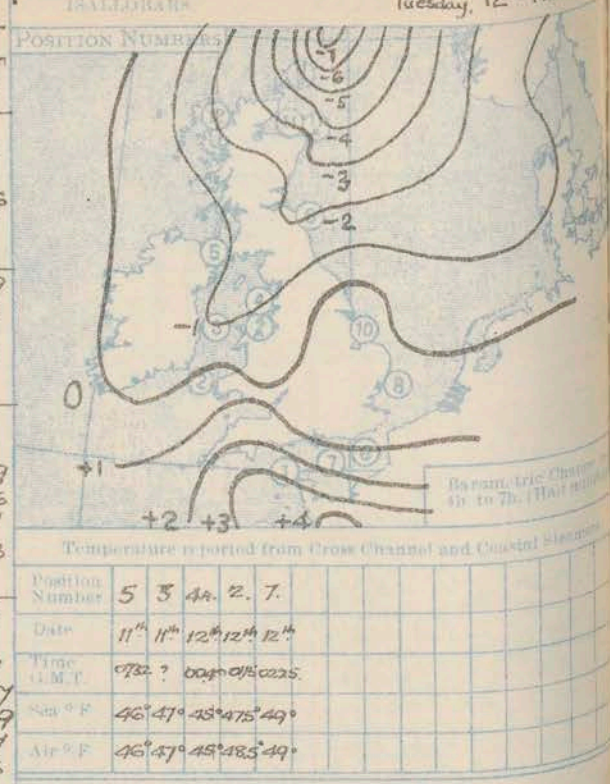
* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 11th	WEATHER. 18h.-18h. 11th	WEATHER. 18h. 11th to 1h. 12th	WEATHER. 1h.-7h. 12th	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS.	RAINFALL.† Day. 7h.-18h.	RAINFALL.† Night. 18h.-7h.	RAINFALL.† Precipitation began.	SUN. Hours.
Lerwick	b or bc	c	c	for d	48	45	*	–	trace	02.30	*
Stornoway	b or bc	b or bc	c	0.0	55	47	*	–	–	–	8.2
Wick	c	c	0.0	c	50	40	*	–	–	–	*
Castlebay	b or bc	b or bc	0.0		51	47	*	–	–	–	11.6
Nairn	mbc	bc	bcw		51	36	*	–	–	*	7.5
Aberdeen	c	b or bc	b or bc		54	35	28	–	–	–	8.3
Malin Head	b or bc	b or bc	b or bc	b or bc	51	44	*	–	–	–	11.9
Renfrew	00	f or m	form	f	55	29	22	–	–	–	3.6
Leith	*	c	form		49	34	29	–	–	–	*
Eskdalemuir	c	b or bc	b or bc	form	53	26	20	–	–	–	6.8
Tynemouth	00	00	0.0	form	45	39	*	–	–	–	*
Blacksod Point ...	b or bc	b or bc	b or bc				*	–		–	*
Donaghadee	b or bc	b or bc	b or bc		53	40	*	–	–	–	*
Birr Castle	c	c	b or bc		59	33	29	–	–	–	9.9
Baldonnell	f or m	b or bc	form	b or bc	52	32	27	–	–	–	9.6
Holyhead	c	b or bc	b or bc	b or bc	54	43	37	–	–	–	4.1
Liverpool (Bidston) ...	c	b or bc	form		58	40	*	–	–	–	4.3
Manchester (Alex.Pk.)	c	c	b or bc		57	34	?26	–	–	–	*
Howden	c	b or bc	b or bc	0.0	55	33	28	–	–	–	6.8
Spurn Head	00	c	b or bc	form	46	39	39	–	–	–	*
Nottingham	c	c	c		56	40	39	–	–	–	0.7
Cranwell	00	00	c	c	51	40	38	–	–	–	0.7
Gorleston	c	c	b or bc	b or bc	56	45	39	–	–	–	6.9
Pulham	00	c	b or bc	b or bc	56	36	28	–	–	–	5.7
Felixstowe	c	b or bc	b or bc	b or bc	61	42	?	–	–	–	6.6
Valencia (Cahirciveen)	b or bc	b or bc	b or bc	b or bc	61	45	36	–	–	–	11.4
Roches Point	c	c	b or bc		56	42	*	–	–	–	*
Pembroke (St.Ann's H.)	00	c	b or bc	c	56	43	*	–	–	–	0.5
Ross-on-Wye	00	c	b or bc		54	42	38	–	–	–	0.6
Benson...	00	b or bc	0.0		62	43	42	–	–	–	*
S. Farnborough ...	00	b or bc	0.0		58	43	42	–	–	–	3.9
London	c	c	c		55	43	41	–	–	–	3.3
Croydon	f or m	00	c	form	56	42	39	–	–	–	*
Clacton-on-Sea ...	*	c	b or bc		60	43	40	–	–	–	5.5
Shoeburyness	b or bc	b or bc	form		61	38	34	–	–	–	7.6
Grain	c	c	b or bc		61	35	30	–	trace	–	7.8
Lympne	00	00	c	b or bc	58	42	40	–	–	–	6.4
Scilly (St. Mary's) ...	c	c	0.0	p	54	46	*	–	1	–	0.0
Falmouth	00	f or m	c	c	59	48	43	–	0.3	–	1.3
Plymouth	c	c	c		62	49	49	–	–	–	3.7
Portland Bill	00	c	c	b or bc	56	44	*	–	–	–	*
Calshot	c	c	c	b or bc	63	44	40	–	–	–	3.2
Dungeness	b or bc	b or bc	c	b or bc	61	45	*	–	–	–	
Jersey	00	c	p	f or d	58	47	*	–	3	–	0.5

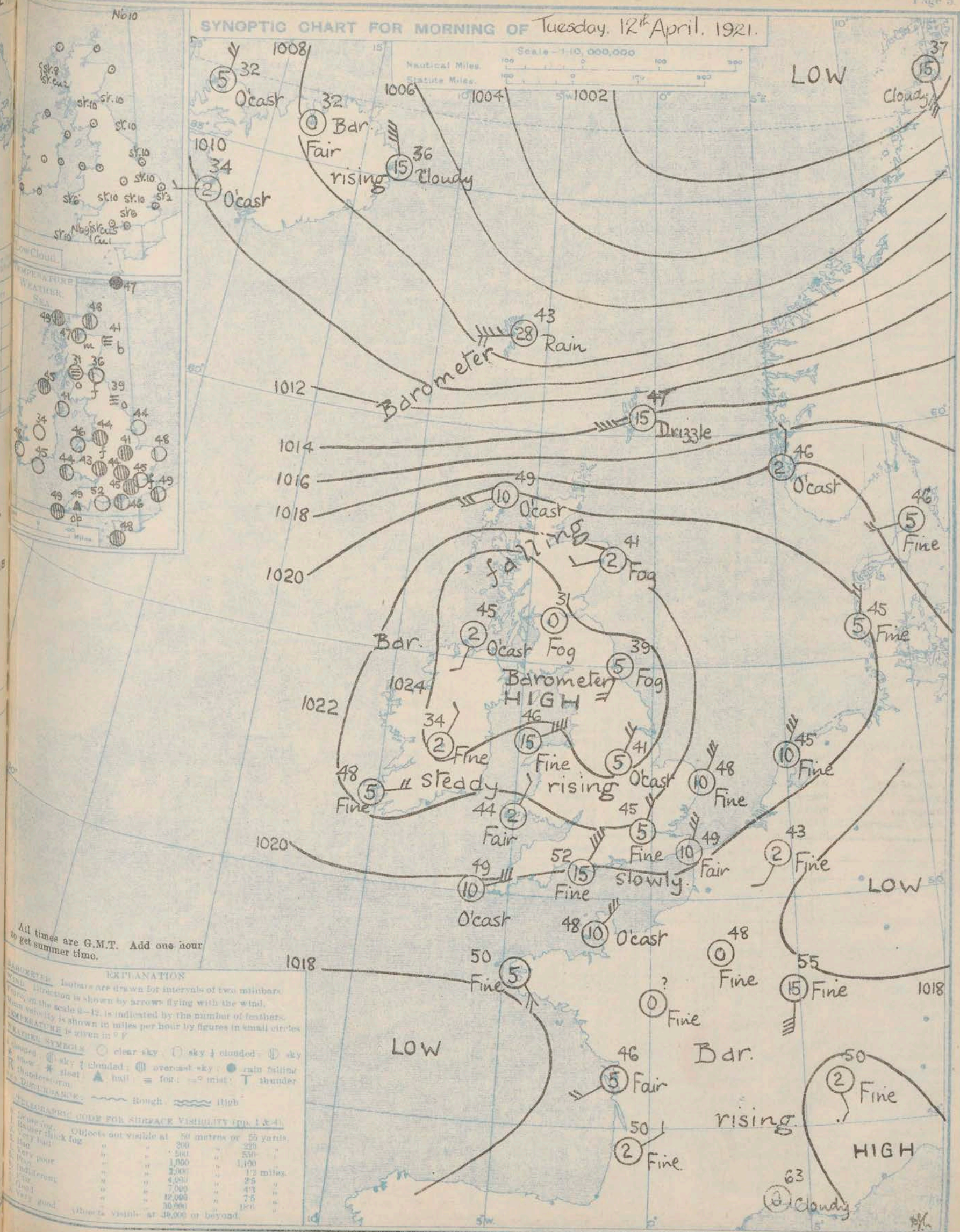
Tuesday, 12th APRIL



GENERAL INFERENCE.

The anticyclone over the British Isles will maintain fair weather for a day or two except in the North of Scotland where depressions moving Eastward will cause rain in places.

Districts.	Forecasts for the 24 hours commencing 15h G.M.T. Tuesday, 12th April, 1921.	Further Outlook
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales	Wind mainly North-East light or moderate; fair generally; some morning mist, day visibility fair; moderate temperature.	Fine for a day or two except in the extreme North; slight risk of thundery conditions developing in the South.
8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Winds light variable; fair generally; visibility fair but some local mist or fog; mild during day, cold at night, with ground frost.	
14. N.& N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind Westerly, moderate, fresh locally; cloudy or dull, rain in places; visibility fair; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland	As for 8-13.	
19. S.E. Ireland 20. S.W. Ireland	Light Easterly winds; fine; visibility fair; moderate temperature.	



H.M. Stationery Office Press, Kingsway, W.C.2

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....TUESDAY, 12th APRIL 1921. No. 102.

Observations at 0100 G.M.T. 12h.

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1018.7	-4	SW	3	bc	46	85	6	5750	Cu	5	–	6	*
Stornoway ...	~~1016.5~~ 1024.5	0	W	1	bc	?	*	*	?	?	?	?	?	*
Wick	1022.4	-2	SW	2	co+	46	85	8	-	-	-	Ci.St	10	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1026.6	-2	NE	1	bc-	46	97	7	-	-	-	A.St	1	*
Renfrew	1025.4	-1	-	0	fb+	34	97	3	-	-	-	-	-	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1026.5	0	-	0	bc	31	85	5	-	-	-	-	-	*
Tynemouth	1026.7	0	NNE	2	co	42	92	6	2500	St.	10	-	10	*
Blacksod Point ...	1025.3	0	NE	2	bc-	48	92	7	-	-	-	-	-	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1025.4	-1	-	0	bc	39	97	5	-	-	-	-	-	*
Holyhead	1023.2	-1	ENE	4	bc-	?	?	7	-	-	-	-	-	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	1024.7	-1	-	0	fb	35	97	3	-	-	-	-	-	*
Spurn Head	1023.4	0	NE	3	bc	46	75	7	-	-	-	-	-	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1024.1	0	N	3	co-	43	97	6	1500	St	6	-	6	*
Gorleston	1022.2	+1	NE	4	bc	45	97	8	-	-	-	-	-	*
Pulham	1021.5	0	NE	2	bc	42	97	7	-	-	-	-	-	*
Felixstowe	1021.3	0	NE	3	bc	44	92	8	-	-	-	-	-	*
Valencia (Cahirciveen)	1026.7	0	NE	3	bc	51	*	*	*	*	*	*	*	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1024.7	0	NNE	2	bc-	48	85	7	-	-	-	-	-	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London	1021.6	0	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1021.5	0	NNE	4	co+	44	92	6	1500	St	10	-	10	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1019.8	+1	N	6	bc	44	92	8	-	-	-	-	-	*
Scilly (St. Mary's) ...	1018.5	0	E	3	co	51	97	7	800	St	10	-	10	*
Falmouth	1018.3	-1	NE	3	bc-	52	75	7	-	St	2	-	2	*
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1018.7	+1	NE	5	bc-	52	85	7	-	-	-	-	-	*
Calshot	1020.3	0	N	3	bc-	47	92	8	2500	St.	2	-	2	*
Dungeness	1019.6	0	NE	4	bc	47	97	7	-	-	-	-	-	*
Jersey (Guernsey Th.)	1018.2	0	NNE	3	bc/r	50	92	6	5750	Cu	3	-	3	*

Observations at 0700 G.M.T. 12h.

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1014.3	-7	WSW	4	do	47	92	6	2500	Nb	10	–	10	3
Stornoway ...	1021.7	-1	SW	3	co	49	85	7	5750	-	-	A.St	10	0
Wick	1019.3	-3	WSW	2	co	48	92	7	-	-	-	A.Cu	8	1
Castlebay	1024.3	0	W	2	co	48	97	7	800	St	10	-	10	1
Nairn	1021.2	*	-	0	bcm	47	*	*	*	*	*	Ci	1	0
Aberdeen	1022.4	-1	WSW	1	ffb	41	92	5	-	-	-			0
Malin Head	1024.9	0	SSW	1	co+	45	97	7	-	-	-	A.Cu	9	0
Renfrew	1024.5	0	-	0	ffo	31	97	1	<150	St	10	-	10	*
Leith	1028.3	-2	-	0	fb-	36	92	3	-	-	-	-	-	*
Eskdalemuir	1025.2	-1	-	0	bc	31	85	6	-	-	-	-	-	0
Tynemouth	1024.6	-1	SW	2	ffo	39	97	3	2500	St	10	-	10	0
Blacksod Point ...	1026.4	0	N.E	1	bc-	47	92	8	-	-	-	-	-	1
Donaghadee	1024.3	0	NNW	1	bc	41	92	7	-	-	-	Ci.Cu	2	0
Birr Castle	1024.6	*	NE	1	bc-	34	97	6	-	-	-	-	-	*
Baldonnell	1024.4	-1	ENE	2	fb-	41	92	4	-	-	-	-	-	*
Holyhead	1022.6	-1	ENE	4	bc	46	92	7	-	-	-	-	-	1
Liverpool (Bidston) ...	1023.5	0	-	0	fb-	44	75	3	-	-	-	-	-	0
Manchester (Alex.Pk.)	1024.1	+1	NW	1	oc	39	97	3	-	-	-	-	-	*
Howden	1024.7	+1	-	0	fb-	39	97	3	800	St	10	-	10	*
Spurn Head	1023.7	0	NNW	3	fb-	44	97	2	450	St	10	-	10	1
Nottingham	1024.3	*	NE	2	co+	41	92	4	-	-	-	Ci.St	10	*
Cranwell	1024.5	+1	NNE	3	co	42	97	6	450	St	10	-	10	*
Gorleston	1022.0	0	NNE	3	bc	48	75	8	-	-	-	Ci	1	0
Pulham	1022.7	+1	NNE	1	bc	45	92	7	-	-	-	-	-	*
Felixstowe	1022.0	+1	NNE	3	bc	47	85	8	-	-	-	Ci.St	3	1
Valencia (Cahirciveen)	1022.6	0	E	2	bc	48	65	8	-	-	-	-	-	0
Roches Point	1022.0	0	NNE	2	bc	45	85	7	-	-	-	-	-	0
Pembroke (St. Ann's H.)	1021.9	+1	NE	1	co	44	92	7	1500	St	6	-	6	1
Ross-on-Wye	1023.0	0	ENE	2	co	43	85	6	1500	St	10	-	10	*
Benson	1022.3	+2	NE	2	co	44	97	5	-	St	10	-	10	*
S. Farnborough ...	1021.6	+1	NNE	3	co	45	92	6	1500	St	6	A.St	10	*
London	1022.0	+1	N	2	fb-	45	92	6	-	-	-	Ci	1	*
Croydon	1022.2	+1	-	0	co-	44	97	4	800	St	6	-	6	*
Clacton-on-Sea ...	1021.4	+1	N	3	co	46	85	8	1500	St	2	A.Cu	5	0
Shoeburyness	1021.4	0	-	0	fb-	43	85	6	-	-	-	Ci.Cu	2	*
Grain	1021.7	0	-	0	bc	44	97	7	-	-	-	Ci	3	0
Lympne	1020.5	+1	NNE	3	bc	45	92	6	-	-	-	Ci.Cu	4	*
Scilly (St. Mary's) ...	1019.4	+1	E	3	co/r	49	97	7	800	St	10	-	10	*
Falmouth	1020.1	+3	E	3	ph.	49	85	7	-	Nb	9	-	9	*
Plymouth	1019.3	+1	ENE	2	bc	49	75	8	4000	St.Cu	6	-	6	3
Portland Bill	1019.3	+1	NE	4	bc-	52	92	8	-	-	-	-	-	0
Calshot	1020.5	0	NNE	3	bc	46	92	7	-	-	-	A.Cu	4	4
Dungeness	1020.7	+1	NE	3	bc+	49	97	7	-	-	-	Ci.Cu	4	4
Jersey (Guernsey Th.)	1018.8	+1	ENE	3	co/r	48	97	6	1500	St	10	-	10	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 11th APRIL

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 10th-11th	Rainfall.† Day 9h.-18h. 11th.	Sunshine. Sunrise to 17h. 11th	Sunshine. Sunrise to Sunset. 10th
					mm.	mm.	hr.	hr.
Banff	ob	b	56	37	-	-	6.9	11.4
Montrose	cb	cb	49	40	-	-	6.0	?
Llandudno	c bc	bc	52	43	-	-	6.9	2.8
Colwyn Bay ...	bc	b	52	41	-	-	5.8	2.6
Rhyl	c bc	c bc	52	44	-	-	4.0	1.5
Southport	c bc c	c bc c	60	50	-	-	6.5	5.7
Blackpool	c	bc	60	36	-	-	7.0	8.4
Harrogate	o bc c	bc	48	40	-	-	2.0	0.7
Skegness	o	oc	48	44	-	-	0.0	6.0
Aberystwyth ...	o c b	?	61	44	-	-	5.0	0.0
Bath	oc bc	o c bc b	56	46	1	-	3.7	3.9
Leamington Spa ...	o	oc	55	43	-	-	1.0	5.8
Lowestoft	g c bc	bc	55	43	-	-	6.0	9.0
Felixstowe	om	bz	60	43	-	-	6.0	9.3
Southend	oc bc b	b.bc	62	43	-	-	7.0	9.9

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 10th-11th	Rainfall.† Day 9h.-18h. 11th	Sunshine. Sunrise to 17h. 11th	Sunshine. Sunrise to Sunset. 10th
					mm.	mm.	hr.	hr.
Ilfracombe ...	op	o.c o	58	47	-	-	1.6	3.1
Bude	r.o.c.	o	58	45	1	-	0.0	?
Penzance	c.bc.	bc c.	59	47	-	-	0.5	2.5
Torquay	cz.q	bczq	59	47	1	Trace	0.4	6.4
Weymouth	o	o	63	46	-	-	2.6	9.0
Bournemouth ...	o.b.	bc c	63	45	-	-	4.5	10.7
Portsmouth (S'thea)	*	*	64	47	-	-	?	10.8
Worthing	oc	c.bc	62	47	-	-	1.6	11.0
Brighton	oc	c	65	48	-	-	2.2	11.0
Eastbourne ...	c	c	64	47	-	-	3.5	10.9
Hastings	c bc b	b.bc c	63	46	-	-	5.0	11.0
Folkestone	bc	bc	58	46	-	-	7.0	10.3
Tunbridge Wells ...	o	b.bc	64	44	-	-	3.5	8.9
Ramsgate	c	c	?	?	-	-	7.5	10.5
Margate	o.c.bc	b	53	46	-	-	7.0	10.4

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 8. ‡ See footnote page 1.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.21693 ...WEDNESDAY 13th APRIL 1921. Page 1.

Observations at 1300 G.M.T. 12th

Stations	Barom. at M.S.L. (m.b.)	Change in 3 Hours‡	Wind Direc.	Wind Force (0-12)	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Height of Low Cloud (Feet)	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1011.5	-3	W	5	rr	47	92	4	4000	Nb	10	-	10	*
Stornoway	1018.7	-3	SW	6	co	53	65	7	450	St	10	-	10	*
Wick	1016.6	-4	W	4	co	53	85	8	7250	St.Cu	8	-	8	*
Castlebay	1021.7	-3	WSW	4	co	50	92	5	450	St	10	-	10	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1019.0	-4	SSW	3	co+	59	55	6	7250	St.Cu	9	-	9	*
Malin Head	1023.4	-2	W	2	co-	51	92	7	-	-	-	A.Cu	6	*
Renfrew	1021.8	-3	WSW	3	bc	57	65	6	4000	St.Cu	4	Ci	6	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1020.8	-4	SW	4	co+	59	45	5	-	-	-	Ci	7	*
Tynemouth	1021.4	-3	S	3	bc	51	75	5	-	-	-	Ci	4	*
Blacksod Point	1024.0	-2	NE	1	bc-	56	85	8	-	-	-	Ci	2	*
Donaghadee	1023.0	-2	WNW	1	bc/f	52	85	8	-	-	-	Ci.Cu	2	*
Birr Castle	1022.8	*	NE	1	bc	60	85	4	-	-	-	-	0	*
Baldonnell	1023.5	-1	E	2	bc	55	75	4	-	-	-	-	0	*
Holyhead	1022.8	-1	NNE	5	bc	53	85	7	-	-	-	-	0	*
Liverpool (Bidston)	1022.0	-2	SE	1	bc	58	55	7	-	-	-	-	0	*
Manchester (Alex.Pk.)	1022.5	-2	S	3	bc	~~53~~ 63	~~65~~ 55	~~7~~ 6	-	-	-	-	0	*
Howden	1023.3	-3	-	0	bc-	57	75	5	-	-	-	-	0	*
Spurn Head	1023.2	0	E	3	fb-	50	92	4	-	-	-	A.Cu	2	*
Nottingham	1022.9	*	SSE	2	bc-	58	65	5	-	-	-	-	0	*
Cranwell	1023.1	-2	ESE	1	bc-	60	55	8	-	-	-	-	0	*
Gorleston	1022.0	0	NE	3	bc-	50	75	8	-	-	-	-	0	*
Pulham	1022.0	0	ENE	2	bc	62	55	8	-	-	-	-	0	*
Felixstowe	1022.8	0	ENE	4	bc	55	65	8	-	-	-	-	0	*
Valencia (Cahirciveen)	1022.5	-1	NE	2	bc	61	55	8	-	-	-	-	0	*
Roches Point	1023.1	0	ESE	3	bc	54	85	7	-	-	-	-	0	*
Pembroke (St. Ann's H.)	1022.7	0	SW	1	fb-	53	85	6	-	-	-	-	0	*
Ross-on-Wye	1021.9	-1	ENE	2	bc	61	65	7	-	-	-	-	0	*
Benson	1021.3	-1	NE	3	bc	65	55	7	-	-	-	-	0	*
S. Farnborough	1021.0	-1	ENE	3	bc-	66	65	8	-	-	-	-	0	*
London	1021.7	-1	ENE	4	bc	63	45	7	-	-	-	-	0	*
Croydon	1021.5	0	NE	4	bc	64	45	8	-	-	-	-	0	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1022.3	+1	NE	3	bc/f	56	65	7	-	-	-	-	0	*
Grain	1022.2	0	ENE	4	bc-	52	85	8	-	-	-	-	0	*
Lympne	1021.0	0	NE	5	bc	59	65	9	-	-	-	-	0	*
Scilly (St. Mary's)	1020.5	+2	SE	2	co	56	92	7	2500	St	9	-	9	*
Falmouth	1021.6	0	ESE	3	fb+	52	85	7	-	-	-	A.St	8	*
Plymouth	1020.8	+1	SE	1	bc-	59	75	7	4000	St.Cu	5	-	5	*
Portland Bill	1020.1	+1	NE	2	bc	55	92	7	-	-	-	-	0	*
Calshot	1021.0	0	-	0	ffb	62	62	7	2500	Cu	1	-	1	*
Dungeness	1020.0	0	NE	3	bc-	57	97	8	-	-	-	-	0	*
Jersey	1020.5	0	SE	2	bc/f	57	85	8	2500	St.Cu	2	-	2	*

Observations at 1800 G.M.T. 12th

Stations	Barom. at M.S.L. (m.b.)	Change in 3 Hours‡	Wind Direc.	Wind Force (0-12)	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Height of Low Cloud (Feet)	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1009.8	-2	W	4	dd	46	97	4	2500	Nb	10	-	10	3
Stornoway	1015.4	-3	W	6	pro	49	85	6	450	St	10	-	10	4
Wick	1013.7	-2	WSW	3	co+	49	92	8	-	-	-	A.St	10	0
Castlebay	1019.1	-4	W	4	co	49	85	6	1500	St	9	-	9	4
Nairn	1015.6	*	W	3	c	52	*	*	*	*	*	*	*	*
Aberdeen	1016.7	-2	W	3	co	57	65	8	5750	St.Cu	9	-	9	0
Malin Head	1021.2	-2	W	2	co	51	92	8	-	-	-	Ci.Cu	6	0
Renfrew	1020.1	-3	WSW	3	co	52	85	6	1500	St.Cu	9	-	9	*
Leith	1018.6	*	W	3	co	54	65	6	2500	St.Cu	3	Ci.Cu	7	*
Eskdalemuir	1019.8	-2	NW	4	co+	52	65	6	-	-	-	Ci.St	10	*
Tynemouth	1019.3	-1	NW	2	bc	63	35	7	-	-	-	Ci.Cu	4	*
Blacksod Point	1022.9	-1	NW	2	bc	54	75	7	2500	Cu	2	Ci.St	3	1
Donaghadee	1023.0	-1	WNW	1	bc	52	85	8	-	-	-	A.Cu	5	0
Birr Castle	1022.9	*	NE	1	bc+	61	65	6	-	-	-	A.Cu	5	*
Baldonnell	1022.9	0	E	2	bc	54	65	5	-	-	-	Ci.St	4	*
Holyhead	1021.9	0	N	3	bc	50	85	7	-	-	-	Ci	3	1
Liverpool (Bidston)	1021.4	+1	SE	1	bc	50	75	8	-	-	-	Ci.St	2	0
Manchester (Alex.Pk.)	1020.8	-1	SSW	2	co	60	65	5	-	-	-	Ci	7	*
Howden	1020.0	-2	-	0	co+	57	75	6	4000	St	5	Ci.St	9	*
Spurn Head	1021.4	-2	E	3	bc/f	47	85	8	-	Cu	8	-	8	*
Nottingham	1021.0	*	WSW	1	bc+	62	55	5	-	-	-	A.Cu	2	*
Cranwell	1021.6	-1	SW	1	bc+	61	55	8	-	-	-	Ci	3	*
Gorleston	1021.2	-1	ENE	2	bc	48	85	8	-	-	-	-	0	0
Pulham	1021.4	0	E	1	bc	56	65	8	-	-	-	-	0	*
Felixstowe	1022.0	0	ENE	3	bc	49	85	8	-	-	-	-	0	1
Valencia (Cahirciveen)	1022.3	0	SSE	3	bc	57	75	8	-	-	-	-	0	1
Roches Point	1023.4	0	-	0	bc	52	97	6	-	-	-	-	0	0
Pembroke (St. Ann's H.)	1022.1	0	WSW	1	fb+	51	85	7	-	-	-	-	0	0
Ross-on-Wye	1020.8	-1	NE	1	bc	62	65	8	-	-	-	-	0	*
Benson	1020.9	0	-	0	bc	58	55	5	-	-	-	-	0	*
S. Farnborough	1020.6	0	E	2	bc	63	45	8	-	-	-	-	0	*
London	1021.0	0	ESE	2	bc	61	45	8	-	-	-	-	0	*
Croydon	1021.0	0	E	3	bc	58	55	8	-	-	-	-	0	*
Clacton-on-Sea	1021.5	0	ENE	3	bc	52	75	8	-	-	-	-	0	0
Shoeburyness	1021.0	-1	NE	1	bc	51	75	7	-	-	-	-	0	*
Grain	1021.8	0	-	0	bc	54	85	8	-	-	-	A.St	1	0
Lympne	1020.7	0	ENE	3	bc	54	65	6	-	-	-	-	0	*
Scilly (St. Mary's)	1022.1	+1	-	0	co+	52	92	6	800	St	10	-	10	1
Falmouth	1021.4	0	-	0	fb-	53	85	5	-	-	-	-	0	*
Plymouth	1021.0	0	NW	1	co	52	85	7	7250	St.Cu	7	-	7	*
Portland Bill	1020.1	0	-	0	bc	54	85	7	-	-	-	-	0	0
Calshot	1020.8	0	ESE	3	bc	54	75	8	-	-	-	A.Cu	1	0
Dungeness	1020.0	0	NE	2	bc	54	97	8	-	-	-	-	0	2
Jersey	1020.5	0	~~SE~~ WNW	2	bc	59	97	8	-	-	-	-	0	0

London Observations

London Observations	Weather: Morning	Weather: Afternoon	Weather: Night	Temp. Max. °F.	Temp. Min. °F.	Min. on Grass °F.	Rainfall mm.	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)
	24 Hours ended 0900 G.M.T. 13th									
Kew (24 hours ended 0700)	b or bc	b or bc	f or m	*	*	29	-	11.2	*	*
Croydon (24 hours ended 0700)	b or bc	b or bc	b or bc	*	*	31	-	*	*	*
Greenwich (Royal Obsy.)	b	b	b	66	38	26	-	10.3	42	50
City (Bunhill Row)	*	*	*	*	*	*	*	10.1	*	*
Westminster (St. James' Pk.)	*	*	*	66	40	32	-	11.2	47	55
Regents Pk. (Botanical Gdns.)	*	*	*	*	*	*	*	11.4	*	*
Camden Sq. (Brit. Rainfall)	b	b	*	70	41	33	-	*	36	54
Kensington Palace	b	b	*	67	42	31	-	*	51 (18h)	55
Hampstead Observatory	*	*	*	*	*	*	*	11.1	*	*

Atmospheric Pollution. Lbs. of Solid impurity per million cubic yards. 24 Hr. ended 1600 G.M.T. 12th

Station	Max.	Time.	Min.	Time.
South Kensington	½ 1½	1900 11th 0800 12th	<½	0200 to 0300 12th
Kew Observatory	½ 1	1900 11th 1100 12th	<½	2100 to 2300 11th

Solar Radiation. Vertical component per square centimetre. During yesterday.

South Kensington.
Total 1530 joules
Average Rate 31.3 Milliwatts.
Maximum Rate 64 Milliwatts.

Pole Star Record at Greenwich Obsy.

Exposure from 12th 20 h. 0 m. to 13th 04 h. 0 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	8 0	8.0	100
δ Ursae Minoris	8.0	8.0	100

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.

13th and 14th April 1921.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.2 4.59	11.54 11.53	6.45 6.47
Greenwich	5.12 5.9	12.1 12.0	6.50 6.52
Wick	5.9 5.6	12.13 12.13	7.17 7.20
Valencia	5.52 5.49	12.42 12.41	7.32 7.34

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain.
f fog.
h hail.
KQ line squall.
l lightning.
m mist.
o overcast sky.
p passing showers.
r rain.
rs sleet, i.e., rain and snow together.
s snow.
t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; − = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
$r_o r_o$ = continuous light rain.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Sea Disturbance.

0 = no swell, 1 = mod. swell, 2 = heavy swell: Calm or slight sea.
3 = no swell, 4 = mod. swell, 5 = heavy swell: Moderate sea.
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

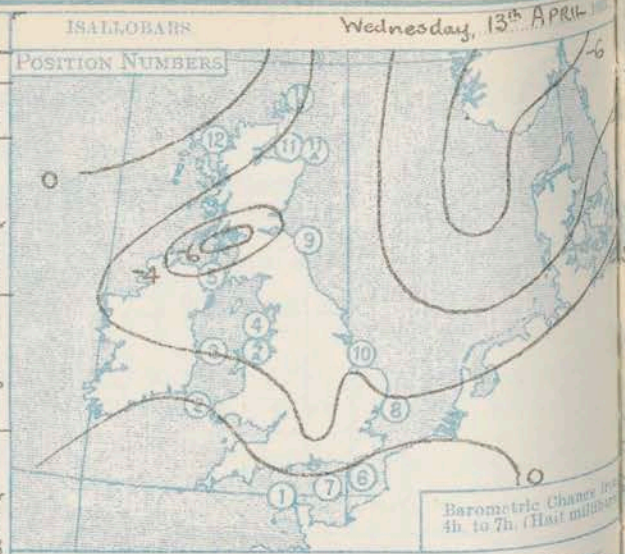
Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.6-3.3
3	8-12	3.4-5.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.5
12	Above 75	33.6 or above

* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-13h. 12th	Weather. 13h.-18h. 12th	Weather. 18h.-1h. 12th to 1h. 13th	Weather. 1h.-7h. 13th	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass.	Rainfall.† Day. 7h.-18h.	Rainfall.† Night. 18h.-7h.	Rainfall.† Precipitation began.	Sun. Hours.
Lerwick	r or d	r or d	r or d	r or d	48	40	*	3	16	-	*
Stornoway	c	r or d	r or d	p	54	44	*	0·1	9	1730	0·8
Wick	c	c	oo	r or d	54	45	*	-	3	-	*
Castlebay	oo	oa	r or d		51	46	*	-	4	-	2·4
Nairn	bc cg	q cg	cpg cg		58	45	*	-	1	*	1·4
Aberdeen	f or m	oo	c		62	49	43	-	0·4	-	4·5
Malin Head	c	c	c	oo	54	47	*	-	trace	-	4·3
Renfrew	f or m	c	c	c	59	46	41	-	-	-	6·1
Leith	f or m	f or m	oo		63	46	*	*	-	-	*
Eskdalemuir	b or bc	c	c	oo	60	42	*	-	-	-	9·6
Tynemouth	b or bc	b or bc	b or bc	c	63	48	*	-	-	-	*
Blacksod Point ...	b or bc	b or bc	b or bc	c	56	43	*	-	-	-	*
Donaghadee	f or m	b or bc	b or bc		53	42	*	-	-	-	*
Birr Castle	b or bc	c	c		64	36	36	-	-	-	10·7
Baldonnell	f or m	f or m	f or m	c	59	41	33	-	*	-	8·9
Holyhead	b or bc	b or bc	b or bc	b or bc	58	41	28	-	-	-	10·8
Liverpool (Bidston) ...	b or bc	b or bc	b or bc		65	44	*	-	-	-	10·8
Manchester (Alex.Pk.)	c	c	c		66	32	22	-	-	-	*
Howden	b or bc	b or bc	b or bc	c	63	38	30	-	-	-	6·1
Spurn Head	f or m	f or m	b or bc	b or bc	50	43	*	-	-	-	*
Nottingham	b or bc	b or bc	f or m		65	40	34	-	-	*	8·0
Cranwell	b or bc	b or bc	b or bc	b or bc	65	41	34	-	-	-	9·0
Gorleston	b or bc	b or bc	b or bc	b or bc	54	41	38	-	-	-	12·2
Pulham	b or bc	b or bc	b or bc	b or bc	65	35	24	-	-	-	12·0
Felixstowe	b or bc	b or bc	b or bc	b or bc	58	39	*	-	-	-	12·0
Valencia (Cahirciveen)	b or bc	b or bc	b or bc	c	65	40	37	-	-	-	11·6
Roches Point	b or bc	b or bc	b or bc		57	44	*	-	0·1	-	*
Pembroke (St.Ann's H.)	f or m	f or m	f or m	f or m	54	43	*	-	-	-	11·1
Ross-on-Wye	b or bc	b or bc	b or bc		65	37	31	-	-	-	8·6
Benson...	b or bc	b or bc	b or bc		66	38	30	-	-	-	*
S. Farnborough ...	b or bc	b or bc	b or bc		69	34	31	-	-	-	10·6
London	b or bc	b or bc	f or m		65	41	29	-	-	-	11·2
Croydon	b or bc	b or bc	b or bc	b or bc	64	39	31	-	-	-	*
Clacton-on-Sea ...	*	b or bc	f or m		58	41	34	-	-	-	11·9
Shoeburyness	b or bc	b or bc	f or m		58	33	25	-	-	-	10·7
Grain	b or bc	b or bc	b or bc		54	34	26	-	trace	-	11·6
Lympne	b or bc	b or bc	b or bc	b or bc	60	46	36	-	-	-	11·5
Scilly (St. Mary's) ...	p	c	c	f	56	45	*	0·4	-	0900	1·6
Falmouth	c	f or m	b or bc	c	55	45	41	1	0·1	-	5·1
Plymouth	b or bc	b or bc	f or m		59	44	*	-	-	-	8·2
Portland Bill	b or bc	b or bc	b or bc	b or bc	56	44	*	-	-	-	*
Calshot	b or bc	b or bc	b or bc	f or m	64	41	33	-	-	-	10·7
Dungeness	b or bc	b or bc	b or bc	b or bc	58	37	*	-	-	-	*
Jersey	f or h	b or bc	F		61	45	*	-	-	-	8·5



Temperature reported from Cross Channel and Coastal Steamers.

Position Number.	12	5	3	1	6	2	7	4
Date	12th	12th	12th	12th	12th	13th	13th	13th
Time G.M.T.	0430	0830	1015	1215	1340	0220	0252	0630
Sea ° F.	46	47	48	49	50	48	48	43
Air ° F	52	48	48	50	55	47	50	45

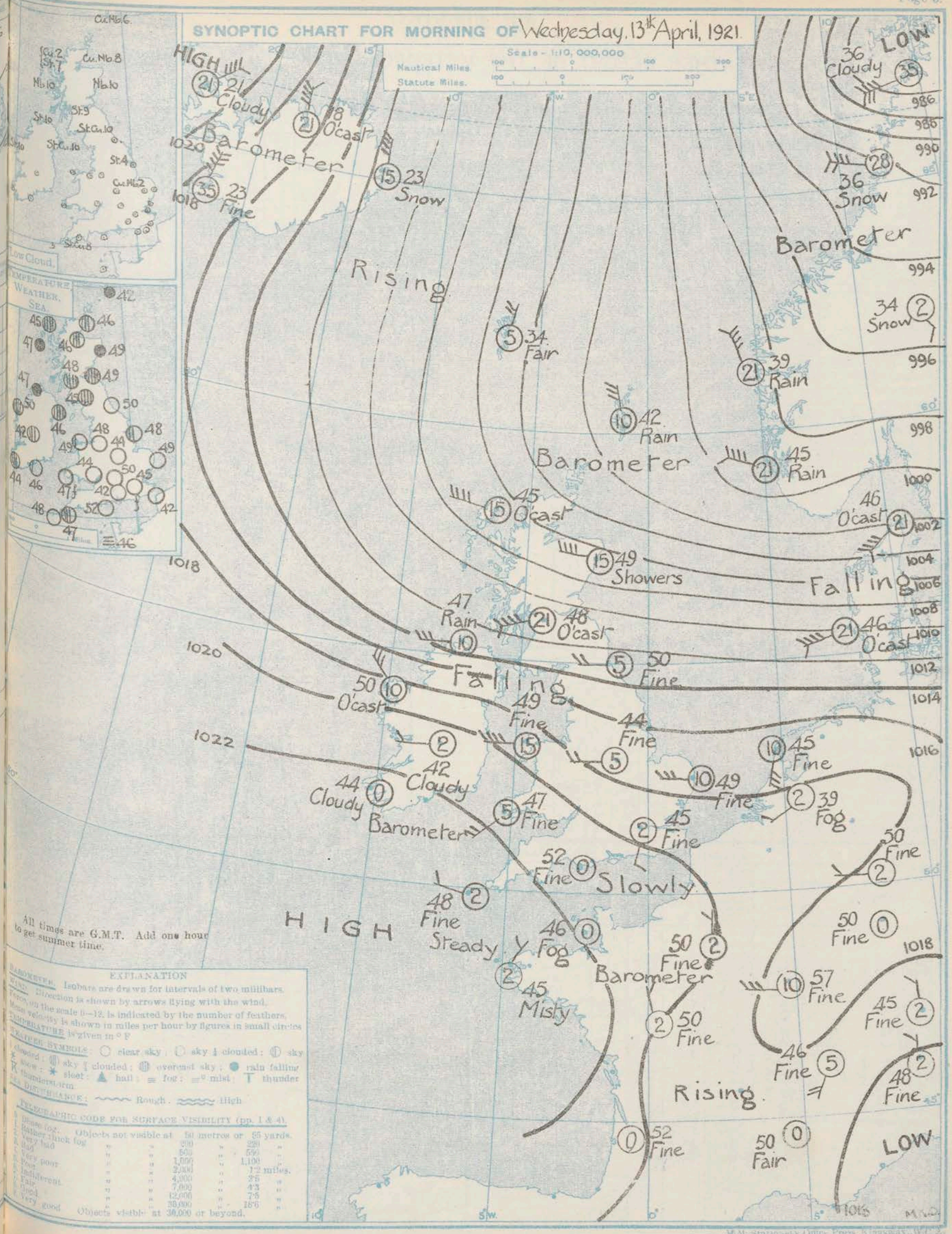
GENERAL INFERENCE.

Pressure is becoming high again over Iceland and a cold Northerly current is likely to spread over the Kingdom and cause a fall of temperature, at least temporarily. An early change to less settled conditions is probable in the South.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 13th April, 1921.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Wind W. to N.W., moderate; fine and warm on Wednesday, probably colder and less settled Thursday; some morning mist; day visibility fair to good.	Colder temporarily with Northerly winds.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Wind North-Westerly, fresh, strong locally; cloudy or dull; some rain or showers, perhaps sleet; visibility fair; colder.	
14. N.& N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind N.W. to W., moderate to strong; cloudy or dull, some rain or showers, perhaps sleet, visibility fair; colder.	
17. N.W. Ireland 18. N.E. Ireland	As for 7 - 13.	
19. S.E. Ireland 20. S.W. Ireland	As for 1-6.	

E.S.B

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0900 GMT. G. C. SIMPSON, F.R.S., Director.



H.M. Stationery Office Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION...WEDNESDAY,...13TH APRIL...1921. No.103...

Observations at 0100 G.M.T. 13th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1003·4	-0	SW	2	r₀r₀	46	85	4	4000	Nb	10	-	10	*
Stornoway	1012·5	-2	W	5	r₀r₀	*	*	*	-	St Cu	5	-	5	*
Wick	1007·2	-6	WSW	2	od₀	48	92	8	450	St	10	-	10	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1017·4	-4	W	3	co+	48	97	7	-	-	-	Cu St	10	*
Renfrew	1015·9	-4	WSW	3	bc-	47	88	8	2500	St	5	-	5	*
Leith	*	*	*	*	*	*	*	*	*	-	*	*	*	*
Eskdalemuir	1016·8	-4	SSW	2	co+	43	85	6	4000	St	10	-	10	*
Tynemouth	1016·0	-3	W	3	bc	48	75	7	-	-	-	-	-	*
Blacksod Point ...	1020·9	-2	W	1	bc	46	92	7	-	-	-	-	-	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1021·1	-2	SSE	1	bc+	47	~~92~~ 65	5	-	-	-	A.St	2	*
Holyhead	1019·5	-2	SW	4	bc-	*	*	7	-	-	-	-	-	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	1018·7	-2	WSW	2	bc-	40	97	5	4000	St	1	-	1	*
Spurn Head	1018·3	-2	WSW	2	bc	47	85	8	-	-	-	-	-	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1019·9	-3	WSW	3	bc	42	75	6	-	-	-	-	-	*
Gorleston	1020·5	-1	WSW	3	bc	41	92	8	-	-	-	-	-	*
Pulham	1019·8	-3	-	0	bc	38	92	6	-	-	-	-	-	*
Felixstowe	1020·9	-1	W	2	bc	43	92	8	-	-	-	-	-	*
Valencia (Cahirciveen)	1023·4	+2	-	0	bc	48	*	*	*	*	*	*	*	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1022·3	-1	W	1	fb-	48	92	7	-	-	-	-	-	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London	1020·6	-1	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1021·4	-1	S	2	bc	41	85	7	*	-	-	-	-	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1020·8	0	NE	2	bc	45	85	7	-	-	-	-	-	*
Scilly (St. Mary's) ...	1023·1	0	NW	1	fo	47	97	7	450	St	10	-	10	*
Falmouth	1022·1	0	NNW	1	bc	46	97	8	*	*	-	-	*	*
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1021·0	+1	NE	1	bc	52	85	7	-	-	-	-	-	*
Calshot	1021·4	-1	-	0	bc-	44	97	6	-	-	-	-	-	*
Dungeness	1020·7	0	NE	1	bc	46	97	9	-	-	-	-	-	*
Jersey (Guernsey 1h.)	1022·1	+2	W	1	ffb	47	97	5	-	-	-	-	-	*

Observations at 0700 G.M.T. 13th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1007·3	-3	NNW	3	R-	42	92	5	4000	Cu Nb	6	-	6	3
Stornoway	1007·9	0	NW	4	co/r	45	85	6	1500	St	9	-	9	3
Wick	1003·5	-1	W	4	co/r	46	92	7	-	Cu Nb	8	-	8	1
Castlebay	1010·9	-1	WNW	4	od-	47	92	6	800	Nb	10	-	10	4
Nairn	1006·4	*	W	2	c	46	*	*	*	*	*	*	*	1
Aberdeen	1007·4	-3	W	4	obr₀	49	85	8	4000	Nb	10	-	10	0
Malin Head	1013·4	-4	W	3	or₀	47	97	6	450	St	10	-	10	1
Renfrew	1010·7	-6	WSW	5	co	48	85	7	1500	St	9	A.St	10	*
Leith	1009·9	-4	WNW	6	co	49	85	7	?	?	?	?	?	4
Eskdalemuir	1012·6	-3	SW	4	co	45	85	6	1500	St Cu	10	-	10	*
Tynemouth	1012·6	-3	W	2	co	50	75	6	-	-	-	-	-	0
Blacksod Point ...	1018·9	-2	NW	3	co+	50	85	7	450	St	10	-	10	2
Donaghadee	1016·3	-3	WSW	2	co	46	92	8	5750	St Cu	10	-	10	1
Birr Castle	1020·5	*	W	1	co+	42	97	6	-	-	-	A.St	8	*
Baldonnell	1019·4	-2	WSW	3	co+	44	85	7	-	-	-	Cu St	7	*
Holyhead	1018·3	-2	W	4	bc	49	85	8	-	-	-	A.St	2	1
Liverpool (Bidston) ...	1017·0	-3	WSW	3	bc-	48	65	7	-	-	-	Ci	1	1
Manchester (Alex.Pk.)	1017·1	-3	SW	2	co	40	97	4	-	-	-	Ci	6	*
Howden	1015·4	-3	SW	4	co/f	45	85	5	2500	St	4	Ci St	7	*
Spurn Head	1016·3	-2	WSW	4	bc+	48	92	7	-	-	-	Cu Cu	3	1
Nottingham	1016·9	*	W	2	bc/f	44	85	3	-	-	-	-	-	*
Cranwell	1017·3	-2	WSW	4	bc	47	75	6	-	~~Cu Nb~~	~~7~~	A.St	3	*
Gorleston	1017·4	-3	W	3	bc-	49	65	6	-	-	-	-	-	0
Pulham	1018·1	-1	WSW	2	bc	48	85	6	-	-	-	-	-	*
Felixstowe	1019·0	-1	SW	3	bc-	47	75	6	-	-	-	Ci St	1	1
Valencia (Cahirciveen)	1022·2	-1	-	0	co/f	44	92	8	-	-	-	Ci	7	1
Roches Point	1022·4	0	NNW	2	bc	46	92	6	-	-	-	Ci	2	3
Pembroke (St. Ann's H.)	1020·9	0	SW	2	fb-	47	97	6	-	-	-	-	-	0
Ross-on-Wye	1019·5	-1	SW	2	bc	44	92	5	-	-	-	-	-	*
Benson...	1019·1	-2	SE	1	bc	50	85	6	-	-	-	-	-	*
S. Farnborough ...	1020·0	-2	SW	2	bc	42	97	8	-	-	-	-	-	*
London	1019·3	-1	SSW	1	fb-	45	85	5	-	-	-	-	-	*
Croydon	1020·1	-4	SW	2	bc	52	65	7	-	-	-	-	-	*
Clacton-on-Sea ...	1018·8	-2	WSW	3	bc	47	85	4	-	-	-	-	-	0
Shoeburyness	1018·9	-2	W	1	fb-	48	75	5	-	-	-	-	-	*
Grain	1019·1	-2	-	0	bc	51	65	5	-	-	-	-	-	0
Lympne	1019·5	-2	-	0	bc	47	75	6	-	-	-	-	-	*
Scilly (St. Mary's) ...	1023·4	0	WNW	1	co/f	48	97	7	-	St	10	-	10	*
Falmouth	1022·1	0	NW	2	co	47	97	6	-	St Cu	8	-	8	*
Plymouth	1021·3	0	-	0	bc-	~~46~~ 45	92	7	-	-	-	-	-	*
Portland Bill	1021·0	0	-	0	bc	52	85	8	-	-	-	Cu Cu	1	0
Calshot	1020·6	-2	-	0	ffb	44	97	6	-	-	-	-	-	0
Dungeness	1020·0	0	N	2	bc	42	97	8	-	-	-	-	-	2
Jersey (Guernsey 1h.)	1021·8	0	-	0	ffo	46	97	2	*	*	*	*	*	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 12th APRIL

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 11th-12th mm.	Rainfall.† Day 9h.-18h. 12th mm.	Sunshine. Sunrise to 17h. 12th hr.	Sunshine. Sunrise to Sunset. 11th hr.
Banff	c	occ	60	34	-	-	1·8	8·3
Montrose	bc	bcc	65	32	-	-	5·1	6·6
Llandudno	b	bcb	58	41	-	-	10·7	6·9
Colwyn Bay ...	b	b	51	37	-	-	9·9	7·4
Rhyl...	bc	bc	56	42	-	-	10·3	4·6
Southport	b	b	63	37	-	-	10·7	6·7
Blackpool	bc	bc	59	37	-	-	10·5	7·0
Harrogate	b	b	60	35	-	-	6·1	2·5
Skegness	b	bv	51	38	-	-	10·5	0·0
Aberystwyth ...	cbb	bbc	56	44	-	-	11·0	5·0
Bath	b	b	67	44	-	-	8·9	4·0
Leamington Spa ..	b	b	65	39	-	-	10·1	1·0
Lowestoft	b	b	51	44	-	-	11·2	6·8
Felixstowe	b	b	55	43	-	-	11·1	6·2
Southend	b	b	62	41	-	-	9·9	7·5

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 11th-12th mm.	Rainfall.† Day 9h.-18h. 12th mm.	Sunshine. Sunrise to 17h. 12th hr.	Sunshine. Sunrise to Sunset. 11th hr.
Ilfracombe	b	b	56	46	-	-	10·1 ~~11·8~~	1·6
Bude	o	b	~~60~~ 53	46	-	-	5·3	0·0
Penzance	oc	bco	55	49	1	-	1·6	0·5
Torquay	bcc2	z	56	46	-	-	6·1	0·4
Weymouth	cb	b	64	44	-	-	9·8	2·6
Bournemouth ...	b	b	65	42	-	-	10·5	4·5
Portsmouth (S'thsea)	*	*	66	44	-	-	10·5	?
Worthing	b	b	65	43	-	-	11·0	2·2
Brighton	b	b	69	45	-	-	10·7	2·2
Eastbourne	b	b	59	43	-	-	10·5	3·5
Hastings	b	b	65	43	-	-	10·7	5·1
Folkestone	bc	b	61	45	-	-	9·7	7·3
Tunbridge Wells ...	b	b	65	42	-	-	10·5	3·6
Ramsgate	b	b	55	44	-	-	10·5	8·1
Margate	b	b	53	46	-	-	10·2	7·0

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 21,693 THURSDAY, 14th APRIL 1921.

Observations at 1300 G.M.T. 13th

Stations	Barom. at M.S.L. (m.b.)	Change in 3 Hours.‡	Wind Direc.	Wind Force (0–12)	Weather	Temp. °F.	Humidity %	Visibility.§ 0–9	Height of Low Cloud (Feet)	Cloud Low Form.	Cloud Low Amt. 0–10	Cloud Upper Form.	Cloud Total Amt. 0–10	Sea 0–9
Lerwick	1003.0	0	N	3	cot	42	75	7	4000	CuNb	4	ACu	7	*
Stornoway	1007.1	-1	NW	4	PR-	46	75	8	1500	Cu	4	-	7	*
Wick	1003.1	0	NW	4	pr0	47	75	9	5750	CuNb	7	-	7	*
Castlebay	1009.7	-1	NW	4	co/r	49	85	6	800	StCu	3	-	6	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1005.7	-2	WNW	4	pr0	47	85	8	2500	CuNb	9	-	9	*
Malin Head	1010.9	-4	W	3	TT	47	97	6	2500	StCu	5	-	8	*
Renfrew	1008.5	-4	WSW	4	co/T	48	75	7	1500	St	6	-	10	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1009.6	-1	W	4	TT	45	85	7	2500	Nb	10	-	10	*
Tynemouth	1008.7	-2	W	3	T0+	49	85	5	450	St	6	-	9	*
Blacksod Point	1015.9	-4	W	2	T0r0	50	92	6	450	St	10	-	10	*
Donaghadee	1013.1	-1	WSW	2	T-	48	97	7	1500	Nb	6	-	10	*
Birr Castle	1017.8	*	W	2	cot	53	75	8	2500	Cu Nb	9	-	9	*
Baldonnell	1016.1	-3	W	4	co	52	75	8	2500	StCu	10	-	10	*
Holyhead	1015.3	-3	WSW	5	co	51	85	7	-	-	-	ASt	10	*
Liverpool (Bidston)	1013.5	-3	W	6	cot	51	75	7	5750	CuNb	6	-	10	*
Manchester (Alex.Pk.)	1014.2	-3	W	6	co	51	75	8	2500	StCu	7	ASt	10	*
Howden	1011.8	-3	W	6	c	52	85	6	2500	St	8	ASt	10	*
Spurn Head	1010.7	-5	W	6	co	54	97	7	-	-	-	ASt	10	*
Nottingham	?	*	?	4	cot	60	55	4	7250	?StCu	4	CiSt	6	*
Cranwell	1012.7	-5	W	5	co	63	65	7	7250	-	-	ASt	10	*
Gorleston	1013.5	-6	W	4	bct	68	45	6	-	-	-	Ci	3	*
Pulham	1012.6	-4	WSW	5	bct	68	45	7	-	-	-	ASt	5	*
Felixstowe	1014.6	-6	WNW	4	bct	66	45	8	4000	StCu	3	-	3	*
Valencia (Cahirciveen)	1021.3	-2	W	3	cot	51	85	8	1500	StCu	7	ASt	10	*
Roches Point	1020.4	-3	WNW	3	co	57	75	8	-	-	-	ASt	10	*
Pembroke (St.Ann's H.)	1019.2	-2	W	3	fo-	50	92	5	<150	St	10	-	10	*
Ross-on-Wye	1015.1	-5	WSW	4	cot	65	55	7	-	-	-	CiSt	9	*
Benson	1015.0	-6	W	4	bct	69	55	6	-	-	-	Ci	5	*
S. Farnborough	1015.0	-6	WSW	5	bct	69	45	8	-	-	-	Ci	2	*
London	1014.6	-7	WSW	4	bct	67	45	8	-	-	-	Ci	1	*
Croydon	1015.3	-6	WSW	5	bct	68	55	8	-	-	-	Ci	2	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1014.3	-5	SW	4	ff.b	67	45	5	-	-	-	-	-	*
Grain	1014.2	-4	SW	4	bc	69	45	7	-	-	-	-	-	*
Lympne	1016.3	-4	WSW	4	bc	58	75	8	-	-	-	-	-	*
Scilly (St. Mary's)	1022.6	0	W	4	cot	54	85	7	4000	Cu	8	-	8	*
Falmouth	1020.5	-2	NW	3	b ~~co~~	57	75	7	-	StCu	3	-	3	*
Plymouth	1019.7	-2	WNW	4	cot	57	75	7	1500	StCu	8	-	8	*
Portland Bill	1018.3	-3	W	4	bc	52	85	8	-	-	-	-	-	*
Calshot	1017.1	-5	SW	5	bc	61	65	7	-	-	-	-	-	*
Dungeness	1016.2 ~~1017.2~~	-4	SW	4	bc	55	97	8	-	-	-	-	-	*
Jersey	1021.1	0	WNW	4	co/f	51	92	7	1500	St	10	-	10	*

Observations at 1800 G.M.T. 13th

Stations	Barom. at M.S.L. (m.b.)	Change in 3 Hours.‡	Wind Direc.	Wind Force (0–12)	Weather	Temp. °F.	Humidity %	Visibility.§ 0–9	Height of Low Cloud (Feet)	Cloud Low Form.	Cloud Low Amt. 0–10	Cloud Upper Form.	Cloud Total Amt. 0–10	Sea 0–9
Lerwick	998.4	-5	S	2	PH	40	75	7	-	Nb	10	-	10	1
Stornoway	1003.6	-4	NNW	7	pr0	42	75	7	1500	Cu	4	-	7	4
Wick	999.7	-6	WNW	2	pr0	42	85	8	4000	CuNb	6	-	8	0
Castlebay	1007.3	-3	NW	4	cot	46	65	7	1500	Nb	4	-	8	4
Nairn	1001.8	*	WNW	4	'c	43	*	*	*	*	*	*	*	*
Aberdeen	1002.6	-3	W	4	pr0	45	85	8	2500	CuNb	8	-	8	0
Malin Head	1008.7	-4	W	3	cot	47	97	8	5750	StCu	9	-	9	4
Renfrew	1005.9	-3	WSW	4	co/r	47	[illegible]	8	4000	StCu	7	ASt	10	*
Leith	1003.9	*	WNW	5	co/r	49	55	8	2500	StCu	4	CiCu	8	*
Eskdalemuir	1006.2	-4	WNW	2	co-	44	85	8	2500	Cu	3	CiSt	10	*
Tynemouth	1005.2	-3	W	3	co/r	48	85	7	1500	CuNb	3	ACu	7	*
Blacksod Point	1013.7	-2	NW	3	co	47	92	5	450	St	10	-	10	1
Donaghadee	1010.6	-2	W	2	T+	48	85	8	4000	StCu	9	-	9	1
Birr Castle	1014.0	*	W	2	T+	49	97	6	1500	Nb	10	-	10	*
Baldonnell	1012.5	-4	W	5	T+	48	97	5	800	Nb	8	-	10	*
Holyhead	1010.9	-6	WSW	5	TT	48	97	6	450	Nb	10	-	10	1
Liverpool (Bidston)	1009.4	-5	W	5	TT	46	97	4	1500	Nb	10	-	10	4
Manchester (Alex.Pk.)	1009.8	-4	NE	4	r0	?	92	5	1500	Nb	9	ASt	10	*
Howden	1008.1	-5	W	4	TT	45	97	6	800	Nb	10	-	10	*
Spurn Head	1007.6	-3	W	4	TT	47	92	7	800	St	10	-	10	1
Nottingham	1010.2	*	W	4	T0+	50	75	4	4000	CuNb	7	CiSt	10	*
Cranwell	1010.6	-2	W	5	co/r	56	85	7	2500	Cu	8	ASt	10	*
Gorleston	1009.9	-3	NNW	4	cot	61	45	6	-	-	-	ASt	10	0
Pulham	1009.0	-3	W	5	cot	60	55	7	1500	St	3	ASt	10	*
Felixstowe	1010.4	-4	W	4	cot	64	55	7	5750	StCu	6	ASt	9	2
Valencia (Cahirciveen)	1018.6	-4	W	4	co	50	85	8	1500	StCu	10	-	10	1
Roches Point	1017.1	-5	WNW	5	co	53	85	8	4000	StCu	7	ASt	10	0
Pembroke (St.Ann's H.)	1015.0	-4	W	4	fo-	49	92	6	450	St	10	-	10	3
Ross-on-Wye	1012.6	-3	SW	4	co	52	85	6	-	-	-	ASt	10	*
Benson	1012.0	-2	WSW	4	bct	55	75	5	-	-	-	Ci	8	*
S. Farnborough	1012.7	-3	WSW	4	cot	59	65	8	2500	StCu	6	ASt	9	*
London	1011.6	-4	SW	4	cot	60	55	8	-	-	-	ACu	8	*
Croydon	1012.4	-3	W	5	co	62	55	8	1500	StCu	4	CiSt	10	*
Clacton-on-Sea	1009.8	-4	W	4	cot	63	55	7	1500	St	3	ASt	7	0
Shoeburyness	1010.3	-2	W	1	bct	59	65	5	2500	StCu	3	-	6	*
Grain	1010.8	-6	SW	3	co	59	65	7	-	-	-	Ci	8	0
Lympne	1012.2	-3	SW	4	cot	52	85	6	-	St	10	-	10	*
Scilly (St. Mary's)	1019.7	-3	W	4	bc-	52	85	8	4000	Cu	5	-	5	4
Falmouth	1017.5	-2	W	4	ffb	52	85	6	-	StCu	1	Ci	4	*
Plymouth	1017.8	-4	W	4	co	50	85	7	1500	St	10	-	10	*
Portland Bill	1015.3	-3	W	4	bct	51	85	7	-	-	-	CiCu	5	3
Calshot	1013.4	-4	SW	3	cot	55	85	7	2500	St	4	Ci	9	0
Dungeness	1012.4	-4	SW	5	bct	51	97	6	-	-	-	CiCu	7	4
Jersey	1018.8	-1	WNW	4	co/f	50	85	8	2500	StCu	10	-	10	3

LONDON OBSERVATIONS.

24 Hours ended 0900 G.M.T. 14th (Weather, Temperature, Rainfall); Sunshine: Yesterday; Humidity: To-day.

London Observations	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. °F.	Temp. Min. °F.	Min. on Grass °F.	Rainfall mm.	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. %	Humidity 9h. G.M.T. %
Kew (24 hours ended 0700)	borbc	c	r0r0d	*	*	41	8	9.2	*	*
Croydon (24 hours ended 0700)	borbc	00	r0d:h0r0	*	*	40	9	*	*	*
Greenwich (Royal Obsy.)	bbc	bcco	00d0	73	42	41	10	9.8	41	68
City (Bunhill Row)	*	*	*	*	*	*	*	8.7	*	*
Westminster (St. James' Pk.)	*	*	*	72	43	40	9	9.2	44	61
Regents Pk. (Botanical Gdns.)	*	*	*	*	*	*	*	9.2	*	*
Camden Sq. (Brit. Rainfall)	b	bc	*	73	41	39	8	*	40	62
Kensington Palace	b	bbc	*	71	42	42	9	*	56 (18h.)	68
Hampstead Observatory	*	*	*	69	40	*	9	9.5	*	70

ATMOSPHERIC POLLUTION. Lbs. of Solid impurity per million cubic yards.

24 Hr. ended 1600 G.M.T. 13th

South Kensington

Max.	Time.	Min.	Time.
1	1900 12th	½	0500 to
1½	0800 13th		0600 13th

Kew Observatory

Max.	Time.	Min.	Time.
½	2300 12th	<½	1000 13th
1	0700 13th		

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total 1553 joules

Average Rate 31.6 Milliwatts.

Maximum Rate 62 Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 13th 20 h. 0 m. to 14th 4 h. 0 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	8 0	0 30	6
δ Ursae Minoris	8.0	0.3	1

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

14th + 15th April 1921.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.59 4.57	11.53 11.53	6.47 6.48
Greenwich	5.9 5.7	12.0 12.0	6.52 6.53
Wick	5.6 5.3	12.13 12.12	7.20 7.22
Valencia	5.49 5.47	12.41 12.41	7.34 7.36

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, *i.e.*, rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; − = "decreasing"; + = "increasing": h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
r_0r_0 = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

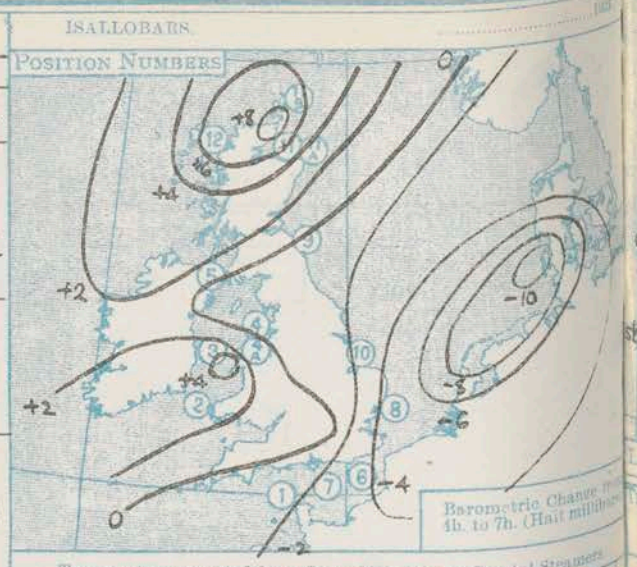
0 = no swell, 1 = mod. swell, 2 = heavy swell: Calm or slight sea.
3 = no swell, 4 = mod. swell, 5 = heavy swell: Moderate sea.
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1–3	0·3–1·5
2	4–7	1·6–3·3
3	8–12	3·4–5·4
4	13–18	5·5–7·9
5	19–24	8·0–10·7
6	25–31	10·8–13·8
7	32–38	13·9–17·1
8	39–46	17·2–20·7
9	47–54	20·8–24·4
10	55–63	24·5–28·4
11	64–75	28·5–33·5
12	Above 75	33·6 or above

* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 13th	13h.-18h. 13th	18h.-1h. 13th to 1h 14th	1h.-7h. 14th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	SUN. Hours.
Lerwick	p	oo	S or RS	S or RS	48	32	•	–	15	-	•
Stornoway	p	p	hor hr	p	49	32	•	2	7	- -	3.8
Wick	p	p	S or RS	r or d	48	30	•	1	5	-	•
Castlebay	r or d	p	S or RS		49	35	•	0.6	3	-	2.2
Nairn	cpq	kp cpq	s pr scq		50	30	•	•	4	-	2.2
Aberdeen	p	p	S or RS		50	31	27	2	2	0900	1.7
Malin Head	r or d	p	p	p	49	39	•	6	1	-	0.3
Renfrew	r or d	p	c	bor bc	52	33	29	5	0.1	0900	1.3
Leith	r or d	r or d	r or d	c	53	33	29	1	•	•	•
Eskdalemuir	r or d	r or d	c	c	47	29	27	8	0.2	0900	0.1
Tynemouth	r or d	r or d	c	p	50	33	•	5	0.2	1100 1430	•
Blacksod Point ...	oo	r or d	p	bor bc	50	38	•	0.4	•	•	•
Donaghadee	r or d	r or d	S or RS		50	35	•	3	3	1100	•
Birr Castle	oo	r or d	r or d		53	36	33	1	3	1530	0.0
Baldonnell	oo	r or d	c	c	53	35	29	2	3	1430	0.5
Holyhead	c	form	r or d	c	54	40	36	9	3	1330	2.8
Liverpool (Bidston) ...	c	r or d	p		53	38	33	3	2	1530	3.2
Manchester (Alex. Pk.)	oo	r or d	b or bc		56	38	33	5	8	1530	•
Howden	oo	r or d	r or d	oo	57	36	32	5	3	-	3.0
Spurn Head	bor bc	r or d	r or d	p	47	39	•	2	4	1530	•
Nottingham	c	c	r or d		62	39	35	trace	4	1730	5.5
Cranwell	c	c	r or d	c	63	38	36	trace	5	1730	6.7
Gorleston	bor bc	bor bc	r or d	oo	61	45	42	-	12	-	8.5
Pulham	bor bc	c	r or d	oo	69	44	?	-	13	0900	8.4
Felixstowe	bor bc	c	r or d	r or d	69	44	?	-	10	~~1100~~ 0100	9.8
Valencia (Cahirciveen)	c	oo	f or m	p	53	42	40	-	3	-	2.6
Roches Point	c	oo	o.o		59	42	•	-	trace	-	•
Pembroke (St. Ann's H.)	form	form	r or d	p	51	41	•	-	2	-	2.4
Ross-on-Wye	bor bc	c	r or d		68	42	38	-	2	-22.00	7.7
Benson...	bor bc	c	hor hr		68	41	42	-	7	- -	•
S. Farnborough ...	bor bc	c	r or d		72	44	44	-	7	2400	9.7
London	bor bc	c	r or d		69	42	41	-	8	2400	9.2
Croydon	bor bc	oo	r or d	hor hr	70	41	40	-	9	2400	•
Clacton-on-Sea ...	bor bc	bor bc	r or d		69	43	42	-	11	3.30	9.9
Shoeburyness	bor bc	form	r or d		69	44	43	-	9	1.30	9.7
Grain	bor bc	bor bc	r or d		70	43	40	-	9	1.30	8.2
Lympne	bor bc	c	c	r or d	61	43	42	-	8	2.30	10.9
Scilly (St. Mary's) ...	bor bc	bor bc	bor bc	p	54	44	•	-	1	- 3.30	6.4
Falmouth	c	bor bc	c	r or d	59	45	45	-	2	- 3.30	5.8
Plymouth	bor bc	oo	p		58	46	43	-	1	- -	6.8
Portland Bill	bor bc	c	c	p	56	45	•	-	0.2	- 5.30	•
Calshot	bor bc	c	c	r or d	61	46	45	-	3	- 1.30	10.4
Dungeness	bor bc	bor bc	c	r or d	54	46	•	-	6	- 4.30	
Jersey	f	f	oo		52	47	•	-	-	-	0.1



Temperature reported from Cross Channel and Coastal Steamers

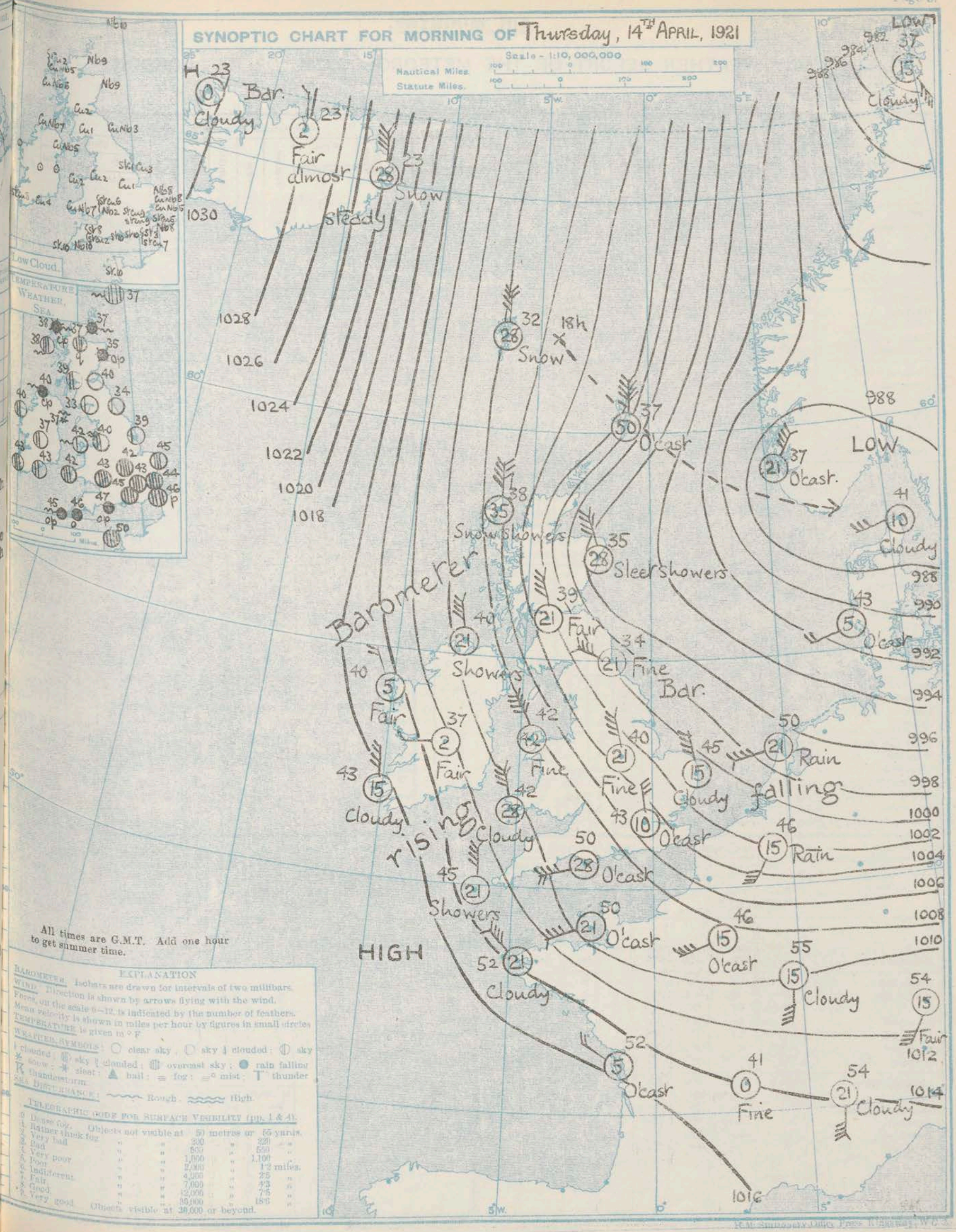
Position Number.	5	3	10
Date	13th	13th	13th
Time G.M.T.	0810	1000	0100
Sea ° F.	47	47	47
Air ° F	49	50	49

GENERAL INFERENCE.

The deep depression which has moved from Iceland to the Skagerak continues to move South-Eastward. Winds will be Northerly for a day or two with a low temperature and local showers of rain, hail or sleet especially in the North and East.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 14th April, 1921.	Further Outlook.
1. S.E. England 2. E. England 3 E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Wind mainly North-West strong then moderating; variable sky, local showers, hail in places; visibility good; cold.	Northerly winds and cold weather for a day or two.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind Northerly strong to a gale, moderating later; variable sky, some showers of rain, hail or sleet; visibility good; cold.	North Cone hoisted 02.30h. G.M.T. 14th Apr
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind North-West or North moderate; fair but local showers; visibility good; cold.	

F.S.B.



All times are G.M.T. Add one hour to get summer time.

EXPLANATION

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind.
Force, on the scale 0–12, is indicated by the number of feathers.
Mean velocity is shown in miles per hour by figures in small circles
TEMPERATURE is given in ° F.
WEATHER SYMBOLS: clear sky; sky ¼ clouded; sky ½ clouded; sky ¾ clouded; overcast sky; rain falling; snow; sleet; hail; fog; mist; thunder; thunderstorm.
SEA DISTURBANCE: Rough. High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (pp. 1 & A).

0	Dense fog.	Objects not visible at	50	metres or	55 yards.
1	Rather thick fog	"	200	"	220 "
2	Very bad	"	500	"	550 "
3	Bad	"	1,000	"	1,100 "
4	Very poor	"	2,000	"	1·2 miles.
5	Poor	"	4,000	"	2·5 "
6	Indifferent	"	7,000	"	4·3 "
7	Fair	"	12,000	"	7·5 "
8	Good	"	30,000	"	18·6 "
9	Very good	Objects visible at 30,000 or beyond.			

H.M. Stationery Office Press, Kingsway, W.C.2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION...THURSDAY... 14th APRIL.....1921. No. 104.

Observations at 0100 G.M.T....14th.....

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	989.1	-6	N	9	co/s	37	97	4	2500	Nb	10	-	10	*
Stornoway	1004.8	+4	NW	6	PH	*	*	6	*	*	*	*	*	*
Wick	994.4	-6	NW	7	rs	35	97	8	4000	Cu Nb	7	-	7	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1007.4	+1	NW	5	PR	44	97	7	450	St	10	-	10	*
Renfrew	1002.9	-3	W	4	bc	37	75	8	2500	Sh	1	-	1	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1001.4	-4	WNW	6	co	36	75	8	2500	Cu	2	A.St	10	*
Tynemouth	999.8	-4	W	4	bc	42	75	7	-	-	-	-	-	*
Blacksod Point ...	1012.8	0	NW	4	co-	44	85	6	450	St	10	-	10	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1010.2	-2	SW	4	bc/r	42	85	8	4,000	St Cu	2	A St	3	*
Holyhead	1007.3	-3	W	6	co/r	*	?	8	1500	Nb	10	-	10	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	1001.5	-6	W	4	co	44	92	5	800	St	10	-	10	*
Spurn Head	1000.6	-6	W	5	co/r	46	85	8	-	-	-	A.St	10	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1003.5	-6	W	4	co/r	45	92	?	800	Nb	10	-	10	*
Gorleston	1005.1	-5	W	4	rr	48	85	8	7250	St	7	-	7	*
Pulham	1003.4	-8	WSW	3	rr	46	97	4	800	Nb	10	-	10	*
Felixstowe	1006.5	-6	WSW	4	rr	47	97	7	1500	Nb	10	-	10	*
Valencia (Cahirciveen)	1016.2	-2	WNW	6	ffo	46	*	*	*	*	*	*	*	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1010.3	-3	W	5	od	48	92	8	4000	Nb	10	-	10	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London	?	?	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1007.9	-6	W	5	rr	47	97	6	1500	St	10	-	10	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1007.4	-7	SW	3	co+	47	97	6	1500	St	10	-	10	*
Scilly (St. Mary's) ...	1015.4	-3	W	5	bc-	50	97	8	-	-	-	-	-	*
Falmouth	1014.0	-3	W	6	co	48	85	7	-	St Cu	7	-	7	*
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1011.0	-3	W	5	bc	50	85	8	1500	St Cu	5	-	5	*
Calshot	1009.2	-8	SW	4	co+	48	92	8	1500	St	10	-	10	*
Dungeness	1007.3	-5	WSW	6	co+	49	97	5	?	?	?	?	7	*
Jersey (Guernsey 1h.)	1014.5	-4	WNW	4	bc/f	47	97	7	2500	Nb	3	-	3	*

Observations at 0700 G.M.T....14th.....

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1002.0	+5	N	9	co/s	37	85	6	-	Nb	10	-	10	6
Stornoway	1007.3	+6	N	7	PRS	38	65	6	1500	Cu Nb	7	-	9	6
Wick	997.6	+8	NNW	9	RS	37	92	6	4000	Cu Nb	9	-	8	6
Castlebay	1010.8	+3	NNW	5	co/s	38	85	6	1500	Cu Nb	6	Ci St		5
Nairn	1000.9	*	NNW	7	c	37	*	*	*	*	*	*	*	3
Aberdeen	995.4	+2	NW	6	ps	35	97	8	2500	Cu Nb	9	-	9	
Malin Head	1009.4	+3	NNW	5	PR	40	97	7	2500	Cu Nb	7	-	7	0
Renfrew	1003.5	+3	NW	4	bc+	39	65	8	4000	Cu	2	A St	3	*
Leith	1000.9	+2	NNW	8	bc-	40	75	9	-	St	2	A St	2	*
Eskdalemuir	1001.2	-2	NNW	7	bc-	33	75	8	4000	Cu	1	Ci	3	*
Tynemouth	999.3	-1	WNW	5	bc	34	75	8	1500	Cu Nb	3	-	3	1
Blacksod Point ...	1014.8	+2	NW	2	bc+	40	55	7	—	-	-	A.Cu	5	1
Donaghadee	1009.0	-1	NNW	4	S	37	92	8	1500	Cu Nb	5	-	5	6
Birr Castle	1013.9	*	W	1	bc-	37	85	7	—	-	-	A.Cu	5	*
Baldonnell	1012.2	+3	WNW	3	bc	37	85	8	-	-	-	-	-	*
Holyhead	1008.7	+4	NW	8	bc	42	75	8	2500	Cu	2	-	2	6
Liverpool (Bidston) ...	1005.1	+3	WNW	7	bc/r	40	75	9	2500	Cu	2	Ci St	3	7
Manchester (Alex.Pk.)	1004.6	+2	NW	4	bc	38	65	8	2500	Cu	2	-	2	*
Howden	1001.4	+3	NW	6	bc-	36	85	6	2500	St	1	A St	2	*
Spurn Head	999.4	-1	W	6	bc+	39	85	8	4000	Cu	3	-	3	1
Nottingham	1003.5	*	NNW	5	bc/r	40	65	4	-	-	-	-	-	*
Cranwell	1002.7	-1	NW	6	bc-	39	65	8	2500	Cu	1	A St	2	*
Gorleston	1001.2	-5	NW	4	co-	46	92	7	-	Nb	8	-	8	0
Pulham	1000.6	0	W	5	co	44	75	7	1500	St	9	-	9	*
Felixstowe	1002.3	-2	NW	5	co-	45	75	8	1500	Cu Nb	8	A Cu	9	*
Valencia (Cahirciveen)	1016.4	+2	N	4	co	43	75	9	2500	St Cu	8	-	8	1
Roches Point	1015.1	+3	NNW	4	bc+	43	85	8	1500	Cu	4	-	4	0
Pembroke (St. Ann's H.)	1010.7	+2	NW	6	co/r	42	75	8	4000	Cu Nb	7	-	7	5
Ross-on-Wye	1006.9	+3	NNW	3	co+	43	75	9	2500	St Cu	8	-	8	*
Benson...	1005.1	-1	NW	4	co-	42	75	8	—	St Cu	9	-	9	*
S. Farnborough ...	1004.6	-1	WNW	5	co	45	85	8	800	St	10	-	10	*
London	1004.0	+1	NW	3	co/r	43	85	7	1500	St Cu	9	-	9	*
Croydon	1004.3	0	NW	4	r	41	92	8	800	St	7	A St	10	*
Clacton-on-Sea ...	1001.8	-1	WNW	4	co/r	44	85	7	1500	Cu Nb	10	-	10	0
Shoeburyness	1002.7	-1	NW	3	bc/r	45	75	7	1500	St Cu	10	-	10	*
Grain	1003.1	-1	WNW	5	r-	44	85	7	1500	St Cu	10	-	10	3
Lympne	1003.1	-3	W	3	co/r	43	97	8	800	Nb	8	A St	10	*
Scilly (St. Mary's) ...	1012.8	-1	N	5	pr	45	97	8	1500	St	10	-	10	6
Falmouth	1011.1	-1	N	4	r	46	85	5	-	Nb	10	-	10	*
Plymouth	1009.4	-1	NW	3	co/r	46	85	8	2500	St	10	-	10	*
Portland Bill	?	0	W	6	pr	47	85	8	-	St.	10	-	10	4
Calshot	1005.7	0	WNW	4	co	46	92	8	2500	St Cu	10	-	10	0
Dungeness	1003.0	-5	WNW	4	PR	46	97	5	-	Nb	10	-	10	4
Jersey (Guernsey 1h.)	1009.8	-2	WSW	5	co	50	85	8	1500	St	10	-	10	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR....13th APRIL.....

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 12th-13th mm.	Rainfall.† Day 9h.-18h. 13th mm.	Sunshine. Sunrise to 17h. 13th hr.	Sunshine. Sunrise to Sunset. 12th hr.
Banff	o.c.	cp.o	50	45	1	1	2.0	1.8
Montrose	o	cr	54	48	-	4	1.1	5.1
Llandudno	co	or	52	41	-	6	1.8	11.4
Colwyn Bay ...	bc.	r.	56	40	-	4	2.8	11.9
Rhyl...	bc.c.	cr	57	44	-	9	2.7	11.0
Southport	bc.c.o	or	52	47	-	7	3.3	11.2
Blackpool	c.	or	51	45	-	9	1.9	10.5
Harrogate	o.bc.	or	50	40	-	2	1.1	6.2
Skegness	mb.	b.or	64	39	-	-	6.1	11.5
Aberystwyth ...	o.c.b	c.o	52	40	-	-	4.5	12.0
Bath	b	b.bc.c.o	61	40	-	-	7.2	8.9
Leamington Spa ...	bc.	c.b.o	65	37	-	-	6.4	10.1
Lowestoft	b.	bc.o	70	44	-	-	8.7	12.5
Felixstowe	bz.	cm	71	41	-	-	9.3	12.0
Southend	b.	bc	66	42	-	-	9.8	10.9
Ilfracombe	b.bc	c.o	52	46	-	-	2.8	? 11.5
Bude	c	c	60	39	-	-	0.0	5.3
Penzance	o.c.	bc	56	47	-	-	6.0	1.6
Torquay	w.bz.	b.bcz	66	44	-	-	9.9	6.4
Weymouth	b.	bc.c	65	41	-	-	10.5	10.0
Bournemouth ...	b.	b	66	39	-	-	11.2	10.5
Portsmouth (S'thsea)	*	*	67	41	-	-	10.8	11.3
Worthing	b	b	58	39	-	-	10.3	12.0
Brighton								
Eastbourne ...	b.	b.bc	61	39	-	-	10.9	11.5
Hastings	b	bc.cm.c	60	46	-	-	10.9	11.7
Folkestone	bc.	bc	58	39	-	-	10.0	10.1
Tunbridge Wells ...	b.	b.bc	68	36	-	-	9.8	11.2
Ramsgate	b.	b.bc.c	57	40	-	-	9.1	11.3
Margate	b.	bc	70	42	-	-	9.7	11.1

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B21694 FRIDAY, 15th APRIL 1921.

Observations at 1300 G.M.T. 14th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	997·6	0	N	8	PRS	35	85	4	5750	CuNb	6	-	9	•
Stornoway	1010·3	+2	N	7	PH	34	85	5	1500	CuNb	5	-	8	•
Wick	1002·7	+5	NNW	8	co-	39	75	7	800	Nb	3	-	6	•
Castlebay	1013·0	+1	NW	5	s	41	75	6	800	Nb	7	-	9	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1001·4	+4	NW	6	ps₀	40	65	8	2500	CuNb	4	-	4	•
Malin Head	1011·8	+2	NNW	5	co/r	41	85	7	4000	Cu	7	-	7	•
Renfrew	1006·2	+2	WNW	5	co	44	55	8	2500	StCu	5	-	7	•
Leith	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	1003·7	+2	NNW	6	ps	43	65	4	4000	CuNb	7	-	9	•
Tynemouth	1000·2	+2	N	8	ps₀	42	65	8	4000	CuNb	7	-	7	•
Blacksod Point	1016·8	0	N	4	bc-	49	65	9	-	Cu	4	-	4	•
Donaghadee	1011·0	+2	N	5	ph₀	44	65	8	4000	Cu	4	-	6	•
Birr Castle	1015·5	•	NW	2	co+	42	92	8	4000	Cu	7	-	7	•
Baldonnell	1013·0	0	NW	4	co/s	44	75	8	2500	Cu	4	a St	7	•
Holyhead	1009·7	+2	NW	7	co	44	85	8	2500	StCu	5	-	8	•
Liverpool (Bidston)	1006·3	+1	NW	6	co-	44	65	8	4000	Cu	3	-	6	•
Manchester (Alex Pk.)	1005·0	+1	NW	6	co	48	65	8	2500	CuNb	6	a Cu	7	•
Howden	1001·7	+1	NW	7	co+	46	75	9	2500	St	5	-	8	•
Spurn Head	998·7	0	NW	7	bc+	46	85	6	7250	CuNb	3	-	5	•
Nottingham	1003·6	•	NNW	4	bc+	49	55	4	4000	Cu	4	-	6	•
Cranwell	1002·9	+1	NW	7	prs₀	45	65	8	1500	Nb	6	-	8	•
Gorleston	1000·7	-1	NNW	5	h₀(r₀)	45	65	8	4000	Cu	4	-	8	•
Pulham	1001·6	0	W	6	co/s	45	55	8	4000	Cu	8	-	8	•
Felixstowe	1004·0	0	NW	5	co/s	44	75	8	4000	CuNb	2	Ci	8	•
Valencia (Cahirciveen)	1018·6	+1	N	4	co	45	65	8	2500	StCu	6	-	8	•
Roches Point	1016·6	0	NNW	4	co+	49	65	9	2500	Cu	8	-	8	•
Pembroke (St. Ann's H.)	1012·9	+1	NW	6	co	46	65	9	5750	Cu	7	-	7	•
Ross-on-Wye	1007·6	0	NNW	5	bc	50	55	9	4000	CuNb	2	-	3	•
Benson	1006·2	+1	NW	5	bc-	47	55	9	-	Cu	5	-	5	•
S. Farnborough	1005·9	+1	WNW	5	co+	51	45	8	1500	Nb	5	-	8	•
London	1005·4	0	WNW	5	pr₀	46	55	8	4000	CuNb	7	-	7	•
Croydon	1005·9	+1	WNW	6	co/r	47	65	9	4000	Cu	5	-	8	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	1003·7	+2	NNW	7	bc/r	46	85	7	1500	Nb	6	a Cu	4	•
Grain	1003·7	0	WNW	7	co+	47	85	8	4000	Cu	8	-	8	•
Lympne	1004·3	+1	NW	6	bc+	47	75 65	8	2500	Cu	4	-	4	•
Scilly (St. Mary's)	1014·7	+2	NNW	4	bc-	49	75	8	5750	Cu	4	-	4	•
Falmouth	1012·9	+2	NNW	5	bc	49	55	8	-	Cu	3	-	3	•
Plymouth	1011·2	+1	NW	4	bc-	48	55	8	2500	StCu	6	-	6	•
Portland Bill	1011·0	0	NW	5	bc-	49	85	8	-	-	-	-	-	•
Calshot	1007·3	0	N	6	co	50	65	8	4000	StCu	8	-	8	•
Dungeness	1004·4	+1	N	5	bc	51	92	8	7250	Cu	3	-	5	•
Jersey	1010·4	0	NW	4	bc/r	50	65	8	2500	StCu	5	-	5	•

Observations at 1300 G.M.T. 14th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	997·6	-2	N	8	S	35	75	4	2500	Nb	7	-	7	4
Stornoway	1010·9	+1	N	7	PS	32	97	5	450	St	10	-	10	6
Wick	1004·1	+1	NNW	8	RS	34	85	8	4000	CuNb	5	-	5	6
Castlebay	1013·0	0	NW	5	s-	38	75	6	800	Nb	6	-	8	6
Nairn	1007·8	•	N	5	c	34	•	•	•	•	•	•	•	•
Aberdeen	1003·8	+3	NW	5	ps₀	38	65	8	2500	CuNb	4	-	4	3
Malin Head	1011·4	0	NNW	4	PH	35	97	7	2500	CuNb	6	-	8	6
Renfrew	1007·6	+2	NW	4	co-	40	65	8	4000	Cu	6	-	6	•
Leith	1006·5	•	N	7	co/s	39	•	•	•	•	•	•	•	•
Eskdalemuir	1006·2	+2	N	4	co	34	85	8	4000	Cu	5	-	8	•
Tynemouth	1003·3	+2	N	7	co	40	65	8	450	CuNb	2	Ci	7	5
Blacksod Point	1016·6	+1	N	4	bc	43	65	8	4000	Cu	3	-	3	4
Donaghadee	1011·5	+1	N	5	ph₀	39	65	8	4000	CuNb	4	-	7	6
Birr Castle	1015·5	•	NW	4	co-	44	97	8	4000	Cu	6	-	6	•
Baldonnell	1014·0	+1	WNW	5	bc-	41	65	8	4000	StCu	2	a St	4	•
Holyhead	1010·0	0	NNW	7	bc+	42	75	8	2500	Cu	2	-	2	7
Liverpool (Bidston)	1007·0	0	NW	5	bc/	42	55	9	4150	Cu	2	-	2	6
Manchester (Alex Pk.)	1006·3	+3	NNW	4	co	39	75	5	2500	CuNb	8	a Cu	9	•
Howden	1014·3	+3	WNW	4	co	39	85	7	2500	StCu	5	a St	7	•
Spurn Head	1000·8	+2	NW	7	bc-	42	65	8	5750	CuNb	2	-	3	6
Nottingham	1005·3	•	NW	2	TS	36	85	3	2500	Nb	4	a St	10	•
Cranwell	1005·9	+4	NW	6	S-	33	97	5	800	Nb	10	-	10	•
Gorleston	1001·2	+1	N	5	co-	42	75	7	1500	Nb	5	-	?7	6
Pulham	1002·8	+2	NW	3	co/s	39	92	8	1500	CuNb	5	a Cu	8	•
Felixstowe	1004·8	+2	N	4	TS	41	85	9	2500	CuNb	10	-	10	4
Valencia (Cahirciveen)	1018·5	0	NNW	5	bc-	45	65	9	2500	Cu	2	-	3	4
Roches Point	1016·6	0	NNW	3	bc-	46	65	9	2500	CuNb	3	a Cu	?4	0
Pembroke (St. Ann's H.)	1013·7	0	NNW	5	ph₀	42	75	9	2500	CuNb	3	a Cu	7	3
Ross-on-Wye	1008·7	+1	NW	4	bc	41	75	9	4000	CuNb	1	-	2	•
Benson	1006·5	+1	NW	5	bc	44	45	9	-	Cu	4	-	4	•
S. Farnborough	1006·3	0	NW	3	co	45	65	8	2500	Cu	5	-	7	•
London	1005·6	+1	WNW	4	co/s	47	55	8	4000	Cu	6	Ci	7	•
Croydon	1006·3	+2	WNW	6	co+	45	65	9	2500	CuNb	4	Ci	9	•
Clacton-on-Sea	1003·7	+1	WNW	4	co/s	44	65	7	2500	CuNb	4	a St	?	1
Shoeburyness	1005·0	+2	NNW	2	prs₀	39	75	7	2500	Nb	5	a St	9	•
Grain	1005·4	+3	WNW	6	Kq/	40	65	9	450	Nb	9	a St	10	3
Lympne	1004·9	+1	NNW	3	co/s	42	75	7	800	Cu	1	-	2	•
Scilly (St. Mary's)	1013·9	0	N	4	bc	48	97	8	4000	Cu	4	Ci St	5	6
Falmouth	1012·6	-1	NW	5	h(r)	45	55	8	-	Nb	6	-	6	•
Plymouth	1010·9	0	NNW	6	bc-	48	65	8	4000	CuNb	5	-	5	•
Portland Bill	1010·1	0	NW	6	bc	47	85	8	-	-	-	-	-	6
Calshot	1007·3	0	NW	5	bc	47	65	9	4000	CuNb	3	Ci	5	0
Dungeness	1004·8	+1	N	3	bc	43	97	7	-	CuNb	3	-	3	3
Jersey	1010·4	0	WNW	4	bc	48	65	8	2500	StCu	2	-	2	3

LONDON OBSERVATIONS.

	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 HOURS ENDED 0900 G.M.T. 15th							YESTERDAY.		TO-DAY.
Kew	•	•	•	•	•	27	trace	8·7	•	•
Croydon (24 hours ended 0700)	b or bc	p	b or bc	•	•	25	0·1	•	•	•
Greenwich (Royal Obsy.)	r or d	p	b or bc	•	•	•	•	8·7	•	•
City (Bunhill Row)	c	bc	bcx	51	32	26	-	8·4	47	59
Westminster (St. James' Pk.)	•	•	•	•	•	•	•	8·7	•	•
Regents Pk. (Botanical Gdns.)	bc	bc	x bc	53	34	27	-	8·9	47	61
Camden Sq. (Brit. Rainfall)	•	•	•	7.52	•	•	•	9·6	•	•
Kensington Palace	bc	b bc	•	52	30	26	-	•	46	61
Hampstead Observatory	or c	cbc	•	49	32	26	-	•	60	72
	•	•	•	50	29	25	-	9·2	•	68

ATMOSPHERIC POLLUTION.

Lbs. of Solid impurity per million cubic yards.

24 HR. ended 1600 G.M.T. 14th

South Kensington

Max.	Time.	Min.	Time.
½	1800 13th	<½	0005 14th
1	1000 14th		

Kew Observatory

Max.	Time.	Min.	Time.
<½	1600 13th to 1600 14th	<½	1600 13th to 1600 14th

SOLAR RADIATION.

Vertical component per square centimetre.

During yesterday.

South Kensington.

Total 1501 joules

Average Rate 30·4 Milliwatts.

Maximum Rate 74 Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 14th 20 h. 0 m. to 15th 04 h. 0 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	8·0	6·2	75
δ Ursae Minoris	8·0	5·25	68

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

15th & 16th APRIL 1921.

STATIONS.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4·57	G.M.T. 11·53	G.M.T. 6·48
	4·55	11·53	6·50
Greenwich	5·7	12·0	6·53
	5·5	12·0	6·55
Wick	5·3	12·12	7·22
	5·1	12·12	7·24
Valencia	5·47	12·41	7·35
	5·45	12·41	7·37

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, *i.e.*, rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
r_0r_0 = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

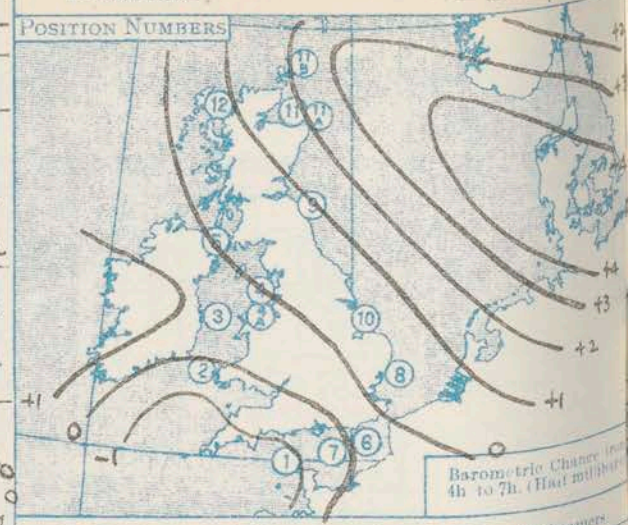
* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

M.O. Form 2370.

Summaries for the Past 24 Hours

Stations.	Weather. 7h.-13h. 14th	13h.-18h. 14th	18h. 14th to 1h. 15th	1h.-7h. 15th	Temperature. Max. Day. 7h.-18h.	Min. Night. 18h.-7h.	Min. on Grass.	Rainfall.† Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	Sun. Hours.
Lerwick	S or RS	S or RS	S or RS	S or RS	44	30	"	1	1	9.0	"
Stornoway	p	p	S or RS	p	39	29	"	6	1	-	0.0
Wick	c	S or RS	S or RS	S or RS	40	30	"	1	2	-	"
Castlebay	S or RS	S or RS	S or RS		41	32	"	0.6	1	1430	6.2
Nairn	cp rsq	hpr csq	osbcg cg		41	28	"	2	-	-	3.0
Aberdeen	p	p	S or RS		42	29	26	2	4	1230	6.2
Malin Head	p	p	p	p	42	33	"	1	3	-	8.7
Renfrew	c	b or bc		b or bc	47	29	21	—	-	-	11.5
Leith	p	p	c		43	30	26	trace	-	-	"
Eskdalemuir	c	h or hr	h or hr	b or bc	45	22	19	1	-	1230	8.2
Tynemouth	p	c	b or bc	b or bc	44	28	"	trace	-	1100	"
Blacksod Point ...	h or hr	b or bc	h or hr	h or hr	46	35	"	0.6	0.2	1230	"
Donaghadee	h or hr	h or hr	h or hr		45	33	"	0.4	1	12.30	"
Birr Castle	h or hr	h or hr	S or RS		46	32	33	1	1	1530	10.0
Baldonnell	S or RS	p	b or bc	c	44	30	25	0.2	-	1230	11.0
Holyhead	c	h or hr	b or bc	c	45	37	35	0.1	-	1430	11.7
Liverpool (Bidston) ...	h or hr	b or bc	S or RS		46	34	30	0.3	3	1430	10.3
Manchester (Alex. Pk.)	c	c	b or bc		49	27	20	0.8	-	1330	"
Howden	c	c	b or bc	b or bc	49	24	17	—	-	-	8.8
Spurn Head	c	c	b or bc	b or bc	46	32	"	—	-	-	"
Nottingham	S or RS	zzr	f or m		50	29	22	0.4	0.2	9.0	7.4
Cranwell	S or RS	S or RS	S or RS	b or bc	49	26	24	0.1	1	1100	8.1 ~~8.7~~
Gorleston	h or hr	h or hr	c	h or hr	48	32	30	0.4	0.4	9.0, 1430	7.5
Fulham	S or RS	h or hr	S or RS	b or bc	50	29	25	0.3	1	1230	7.3
Felixstowe	p	p	p	b or bc	49	33	?	0.6	0.3		7.3
Valencia (Cahirciveen)	c	b or bc	b or bc	p	48	36	30	0.1	4	9.0	6.8
Roches Point	b or bc	c	b or bc		50	35	"	—	-	-	"
Pembroke (St. Ann's H.)	c	p	c	c	48	37	"	0.5	0.6	1430	9.3
Ross-on-Wye	b or bc	h or hr	p		52	30	24	0.3	trace	1430	9.8
Benson	c	c	c		50	29	22	0.1	-	-	"
S. Farnborough ...	c	c	b or bc		53	28	24	0.3	-		7.9
London	b or bc	p	b or bc		50	32	27	trace	-	1330	8.7
Croydon	T or S	p	c	b or bc	49	30	25	0.1	-	-	"
Clacton-on-Sea ...	h or hr	h or hr	b or bc		48	32	27	1	-	1230	6.2
Shoeburyness	p	h or hr	b or bc		49	31	28	0.6	-	-	6.2
Grain	b or bc	S or RS	b or bc		51	31	29	0.3	0.6	-	6.7
Lympne	b or bc	S or RS	oo	b or bc	48	28	26	0.1	-	1730	6.9
Scilly (St. Mary's) ...	b or bc	b or bc	p	p	49	38	"	0.4	0.6	-	8.0
Falmouth	c	b or bc	b or bc	c	49	37	33	1	1	1730	8.6
Plymouth	c	c	b or bc		49	38	38	-	-	-	10.1
Portland Bill	b or bc	b or bc	b or bc	b or bc	54	39	"	-	-	-	"
Calshot	c	S or RS	b or bc	b or bc	51	33	30	trace	-	1630	8.6
Dungeness	c	b or bc	c	b or bc	51	28	"	1	trace	1530	"
Jersey	T or S	b or bc		p	51	38	"	2	0.4	9.0 1530	4.7

Isallobars. 15th April 1921



Temperature reported from Cross Channel and Coastal Steamers.

Position Number.	5	12	4	3	1	6	8	7
Date	14th	14th	14th	14th	14th	14th	14th	15th
Time G.M.T.	0719	0545	0600	1615	1330	1340	1555	0254
Sea ° F	42	39	43	48	49	50	47	47
Air ° F	42	31	26	44	44	47	43	39

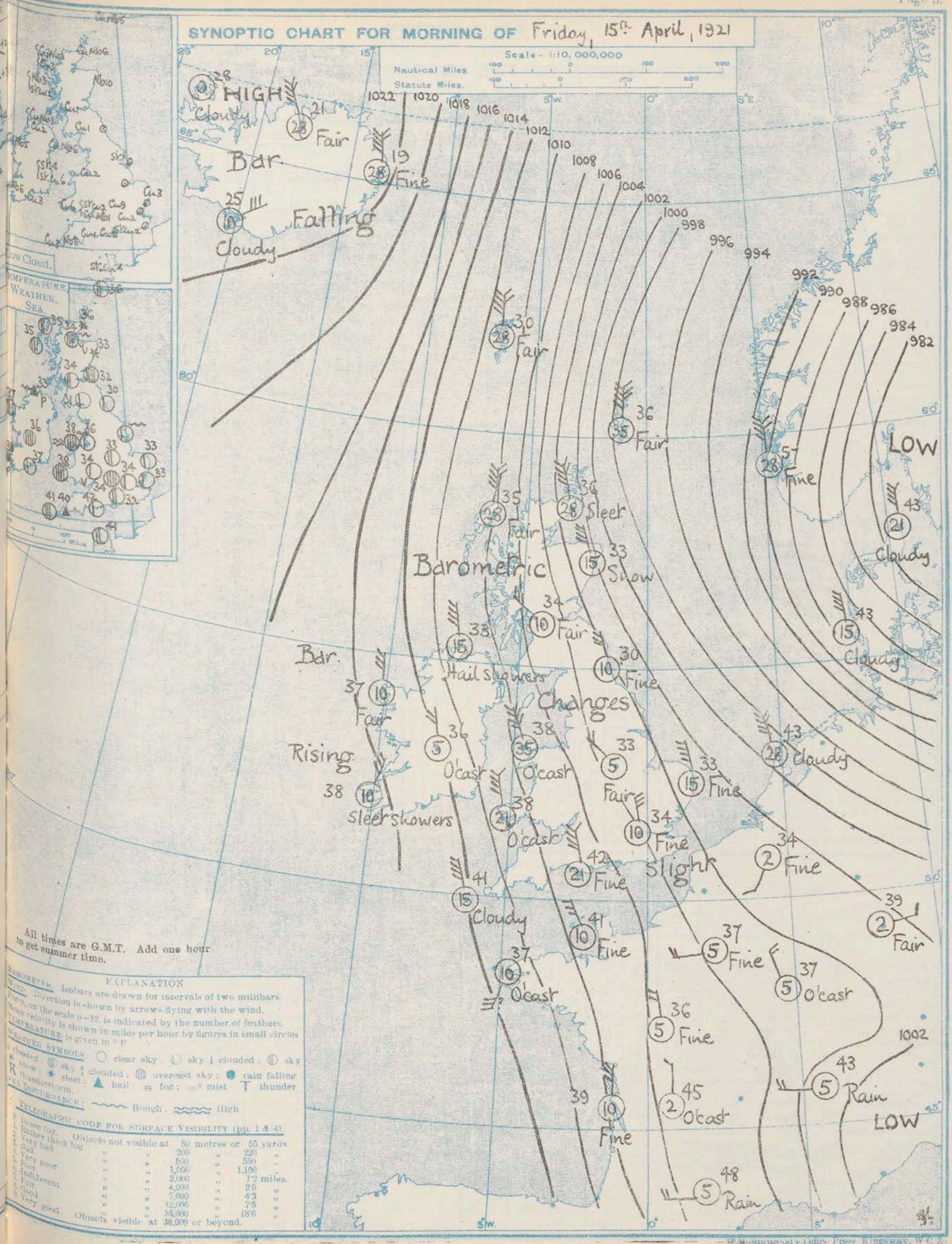
General Inference.

Pressure continues high over Iceland and cold Northerly winds are likely to persist for two or three days. Secondaries moving Southward or South-Eastward will cause local sleet or snow in all districts.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Friday, 15th April, 1921.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind N.W. or N., moderate or fresh; variable sky, showers of snow, sleet or hail, visibility fair to good; cold.	Cold for two or three days with Northerly winds and snow in places. ------
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind N.W. or N., fresh to strong; variable sky, some snow, hail or sleet, visibility fair to good; cold.	North Cone hoisted 02.30h. 14th April.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As for 1 - 10.	

F.S.B.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0900 G.M.T. G. C. Simpson, F.R.S., Director.



H.M. Stationery Office Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. FRIDAY, 15th APRIL 1921. No. 105.

Observations at 0100 G.M.T. 15th

Stations	Barom. at M.S.L. (m.b.)	Change in 3 Hours.‡	Wind Direc.	Wind Force (0-12)	Weather.	Temp. °F.	Humidity %	Visibility.§ (0-9)	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. (0-10)	Cloud Upper Form.	Cloud Total Amt. (0-10)	Sea. (0-9)
Lerwick	994.1	0	N	5	S₀S₀	33	92	4	-	Nb	10	-	10	•
Stornoway	1000.0	0	N	6	PS	*	•	5	•	•	*	*	*	•
Wick	1002.8	-2	NNW	6	bc/s	33	97	8	4000	Cu Nb	5	-	5	•
Castlebay	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	1011.1	0	NNW	5	ph₀	39	85	7	2500	Cu Nb	4	Ci Cu	5	•
Renfrew														•
Leith	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	1007.3	0	N	2	bc-	26	85	8	-	-	-	-	-	•
Tynemouth	1004.7	0	W	3	bc	31	75	8	-	-	-	-	-	•
Blacksod Point	1015.8	·2	NNW	3	ph₀	39	85	6	2500	Nb	8	-	8	•
Donaghadee	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Baldonnell	1013.8	-1	~~NNW~~ WSW	4	co+	33	75	8	1500	St	9	-	9	•
Holyhead	1008.7	·2	NW	6	bc	?	!	8	1500	Cu	3	-	3	•
Liverpool (Bidston)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Manchester (Alex. Pk.)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Howden	1005.5	+1	NW	3	bc	30	85	6	2500	St	2	-	2	•
Spurn Head	1002.8	0	NW	6	bc	39	85	8	-	-	-	-	-	•
Nottingham	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	1006.2	0	W	4	bc	30	85	6	-	-	-	A.St	1	•
Gorleston	1002.5	+2	NW	4	bc-	35	92	8	5750	Cu	3	-	3	•
Pulham	1003.7	0	W	4	bc/s	33	92	7	-	-	-	-	-	•
Felixstowe	1005.7	0	WNW	4	bc/s	37	85	8	-	-	-	A.St	3	•
Valencia (Cahirciveen)	1017.6	0	NNW	4	co/r	42	•	•	•	•	•	•	•	•
Roches Point	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	1012.2	0	W	5	co+	40	75	9	?	?	?	?	?	•
Ross-on-Wye	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London	?	?	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	1004.3	0	NW	5	bc	34	75	9	-	-	-	Ci St	1	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	1006.1	0	NNW	3	bc	31	92	7	2500	Cu	3	-	3	•
Scilly (St. Mary's)	1014.7	0	N	5	bc-	42	75	8	4000	Cu	1	-	1	•
Falmouth	1012.8	-1	NNW	3	bc	40	55	8	-	Cu	1	-	1	•
Plymouth	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	1011.8	+1	NW	5	bc	46	85	8	-	-	-	-	-	•
Calshot	1008.2	-1	NW	3	bc-	34	85	8	-	-	-	-	-	•
Dungeness	1005.4	0	NNW	3	bc-	33	97	7	-	-	-	-	-	•
Jersey (Guernsey 1h.)	1011.5	+1	N	5	bc	43	63	8	5750	Cu Nb	5	-	5	•

Observations at 0700 G.M.T. 15th

Stations	Barom. at M.S.L. (m.b.)	Change in 3 Hours.‡	Wind Direc.	Wind Force (0-12)	Weather.	Temp. °F.	Humidity %	Visibility.§ (0-9)	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. (0-10)	Cloud Upper Form.	Cloud Total Amt. (0-10)	Sea. (0-9)
Lerwick	997.9	+3	N	7	bc/s	36	97	7	5750	Cu Nb	5	-	5	5
Stornoway	1009.6	+1	N	6	bc/s	35	85	7	4000	Cu Nb	5	-	5	6
Wick	1003.3	+1	NNW	6	ors₀	36	92	8	4000	Cu Nb	6	-	6	6
Castlebay	1011.7	0	N	4	bc/s	35	92	6	1500	Nb	3	-	5	4
Nairn	1006.0	•	NNW	2	c	34	•	•	•	•	•	•	•	2
Aberdeen	1003.6	+1	NNW	4	ss	33	97	4	2500	Nb	10	-	10	3
Malin Head	1010.6	0	NNW	4	PH	33	97	7	2500	Cu Nb	5	-	6	6
Renfrew	1007.1	-1	WNW	3	bc+	34	75	8	2500	Cu	1	A Cu	3	•
Leith	1005.6	-1	W	4	co	32	75	9	-	Cu	9	•	9	•
Eskdalemuir	1005.6	-2	N	5	bc-	31	65	8	5750	Cu	1	-	1	•
Tynemouth	1004.5	0	NW	3	bc	30	75	6	-	-	-	A Cu	3	4
Blacksod Point	1015.2	+7 (2)	N	3	bc+	37	85	7	-	Cu Nb	5	-	5	2
Donaghadee	1011.0	0	NNW	3	s·	36	75	8	5750	Cu Nb	6	-	6	4
Birr Castle	1014.6	•	NW	2	co+	36	92	8	4000	Cu Nb	4	Ci Cu	8	•
Baldonnell	1012.7	-1	WSW	3	rs₀	32	85	8	800	St Cu	10	-	10	•
Holyhead	1008.6	0	NW	7	co+	38	85	8	1500	Cu	9	-	9	7
Liverpool (Bidston)	1006.8	0	NW	4	bc/s	36	65	9	4000	Cu	3	-	3	6
Manchester (Alex. Pk.)	1006.6	~~±~~ -1	NW	·1	~~co+~~ bc+	35	92	4	2500	Cu	2	A.St	4	•
Howden	1005.1	0	WNW	3	bc	31	75	8	2500	St	1	Ci Cu	3	•
Spurn Head	?	0	W	6	bc	33	85	9	2500	St	1	Ci St	2	6
Nottingham	1005.9	•	WNW	2	bc/f	33	75	3	7250	-	-	A Cu	3	•
Cranwell	1006.1	0	W	3	bc	30	75	6	-	-	-	A.St	1	•
Gorleston	1002.6	0	NW	4	bc/s	33	85	7	5750	Cu	3	-	3	0
Pulham	1004.7	+1	WNW	3	bc+	33	85	8	5750	Cu Nb	3	-	3	•
Felixstowe	1005.6	-1	NNW	4	bc	35	75	7	-	-	•	•	•	3
Valencia (Cahirciveen)	1016.8	+1	NE	3	prs₀	38	85	9	4000	Cu Nb	6	•	6	1
Roches Point	1015.5	-1	NNW	4	bc+	37	97	9	1500	Cu	3	•	3	0
Pembroke (St. Ann's H.)	1011.2	0	NW	5	co	38	85	9	4000	Cu	6	Ci St	9	3
Ross-on-Wye	1008.5	-1	-	0	bcv	34	75	9	4000	St Cu	3	-	3	•
Benson	1006.7	0	NW	3	co-	34	85	8	-	Cu	9	-	9	•
S. Farnborough	1008.1	0	WNW	3	bc+	32	85	9	2500	St Cu	2	Ci St	3	•
London	1006.5	0	NW	3	bc	34	75	6	4000	Cu	2	Ci	3	•
Croydon	1007.2	0	NW	3	bc	32	92	6	800	St	3	-	5	•
Clacton-on-Sea	1004.7	0	NW	4	bc-	33	75	7	-	-	-	A.St	2	0
Shoeburyness	1005.1	0	N	4	bc	35	75	7	•	-	-	-	•	•
Grain	1005.6	0	NW	4	bc/s	35	75	7	-	Cu	1	-	1	3
Lympne	1005.2	+1	NW	3	bc	31	92	7	4000	Cu	1	Ci Cu	3	•
Scilly (St. Mary's)	1014.0	-1	NNW	4	co+	41	75	8	4000	Cu	3	A Cu	7	4
Falmouth	1011.6	-1	NW	4	h (r)	(40)	65	8	-	Nb	8	Ci Cu	10	•
Plymouth	1010.8	0	NNW	4	co+	41	65	8	4000	Cu	1	Ci St	10	•
Portland Bill	~~1010.5~~	-2	NNW	5	bc	42	85	8	2500	Cu	2	•	2	4
Calshot	1007.7	-1	N	3	bc+	35	92	9	4000	St	1	•	1	0
Dungeness	1005.6	0	N	3	bc	33	97	7	-	-	-	-	•	3
Jersey (Guernsey 1h.)	1009.5	0	NW	3	bc/r	41	65	8	2500	St Cu	4	Ci	5	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 14th

Stations.	Weather Fore-noon.	Weather After-noon.	Temperature Max. °F.	Temperature Min. °F.	Rainfall† Night 18h.-9h. 13th-14th mm.	Rainfall† Day 9h.-18h. 14th mm.	Sunshine Sunrise to 17h. 14th hr.	Sunshine Sunrise to Sunset. 13th hr.
Banff	o.chsq.	ch.bc	43	33	5	0.1	4.1	2.4
Montrose	o.s.bc	bc	43	32	1	2	6.0	1.2
Llandudno	c.b	c.b	46	39	10	0.2	7.8	1.8
Colwyn Bay	o.bc.	bc	53	38	14	-	6.4	2.8
Rhyl	p.bc	bc	57	41	11	1	8.5	2.7
Southport	bq.bcq	bcq.bq	46	42	8	-	10.3	3.3
Blackpool	cq	cq	47	38	7	-	9.6	1.9
Harrogate	b.bc.c.	bc.cp.h	46	33	2	-	4.3	1.1
Skegness	b.bc	opskc.	46	38	12	0.4	8.1	6.1
Aberystwyth	r.c.b	bc.o	44	40	13	1	6.0	4.5
Bath	bc.b	b.ps	52	41	5	0.3	8.2	7.2
Leamington Spa	c	c	49	37	8	-	8.7	6.4
Lowestoft	bc.c	c.oq/s	49	38	9	0.4	7.6	8.7
Felixstowe	bc	bcp	53	42	11	1	7.2	9.3
Southend	rcq.bc	bcp.c.o	50	39	11	0.1	7.0	9.8
Ilfracombe	o.c.bc.	bc	47	42	3	-	7.3	2.8
Bude	r.o.c.bc.	b	48	45	4	-	8.4	0.0
Penzance	c.bc	bc	50	46	2	-	8.1	6.5
Torquay	cp.bc	bc.by	52	45	0.3	trace	8.3	9.9
Weymouth	c.bc	bc.b	55	44	1	-	7.8	11.5
Bournemouth	o.b.	b	54	44	0.3	0.3	7.5	11.2
Portsmouth (S'thsea)	·x·	·x·	52	41	4	-	7.5	11.1
Worthing	o.c.	bc	52	45	6	-	7.2	10.3
Brighton	·x·	·x·	53	42	7	-	7.7	?
Eastbourne	o.c.bc	bc	52	44	7		7.4	10.9
Hastings	o.c.bc.	bc	50	42	9	-	6.5	10.9
Folkestone	r.o.bc.b	bc.op.o	52	42	9	trace	5.8	10.4
Tunbridge Wells	or.bc.b	b.bc.b	51	41	9	-	7.2	9.9
Ramsgate	r	?	49	38	4	-	5.8	9.2
Margate	c.bc.b	bc.c	49	44	8	-	5.6	9.7

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 21,695 SATURDAY, 16th APRIL 1921.

Observations at 1300 G.M.T. 15th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	999.3	+1	N	6	co/s	36	65	7	4000	Cu	8	-	8	0
Stornoway	1011.4	+2	N	5	ps	38	65	7	4000	Cu	5	-	5	0
Wick	1005.8	+2	NNW	6	s₀	39	75	8	4000	CuNb	4	-	4	0
Castlebay	1013.3	+1	NNW	4	co/s	37	97	6	1500	CuNb	5	ASt	6	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1005.5	+2	NNW	4	ph₀	36	85	8	2500	CuNb	9	-	9	•
Malin Head	1012.1	+4	NNW	4	PH	39	92	7	2500	Cu	6	-	6	0
Renfrew	1008.5	+2	N	3	~~s~~ c	42	55	8	4000	StCu	8	-	8	0
Leith	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	1005.8	+2	N	5	co	42	55	8	5750	Cu	6	-	6	0
Tynemouth	1003.7	0	N	6	s₀	37	92	6	2500	St	10	-	10	0
Blacksod Point	1015.2	+1	N	5	h₀(r₀)	44	65	8	4000	Cu	4	-	4	0
Donaghadee	1011.1	0	N	3	bc-	44	65	8	4000	Cu	5	-	5	0
Birr Castle	1013.7	•	NW	3	co.	43	65	8	-	-	-	ACu	6	0
Baldonnell	1012.3	0	N	5	co	43	65	9	5750	StCu	7	-	7	0
Holyhead	1009.5	+2	NNW	7	ph₀	43	75	9	1500	NB	9	-	9	•
Liverpool (Bidston)	1007.3	+1	NW	4	co+	40	65	0	4000	StCu	8	-	8	0
Manchester (Alex.Pk.)	1006.3	+9	NNW	4	s	41	65	6	1500	CuNb	8	A.St	9	•
Howden	1004.5	+1	NW	4	co/s	41	85	8	2500	StCu	6	A.St	7	•
Spurn Head	1003.4	+1	WNW	3	bc	41	85	8	4000	CuNb	5	-	5	•
Nottingham	1005.5	•	NNW	3	rs₀	42	65	3	4000	Nb	8	-	8	0
Cranwell														•
Gorleston	1003.8	+1	N	4	bc+	41	55	8	5750	Cu	5	-	5	0
Pulham	1004.5	0	NW	4	bc+	42	65	8	2500	Cu	5	-	5	•
Felixstowe	1006.1	-1	WNW	3	co+	45	75	8	2000	Cu	7	-	7	0
Valencia (Cahirciveen)	1017.6	+1	NNW	5	co.	45	56	9	4000	StCu	6	-	6	•
Roches Point	1015.6	0	NNW	4	bc	43	85	9	1500	Cu	3	-	3	0
Pembroke (St.Ann's H.)	1011.1	0	NW	5	co	40	75	9	5750	Cu	7	-	7	•
Ross-on-Wye	1007.5	0	NNW	3	co/s	44	65	9	4000	CuNb	8	-	8	•
Benson	1006.1	0	WNW	3	bc+	42	65	8	—	Cu	5	-	5	•
S. Farnborough	1006.3	0	WNW	3	co+	42	55	9	4000	Cu	6	ACu	7	•
London	1005.1	+1	NW	2	co/s	39	65	8	2500	Cu	4	Ci	6	•
Croydon	1006.7	+1	WNW	3	ps₀	39	85	7	1500	CuNb	10	-	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	1005.4	0	NNW	1	bc+	43	55	8	2500	Cu	6	-	6	•
Grain	1005.3	0	-	0	co	44	75	8	4000	StCu	7	Ci	8	•
Lympne	~~1013.8~~ 1005.5	+1	NW	4	co	40	65	8	2500	Cu	6	Ci	7	•
Scilly (St. Mary's)	1012.1	0	N	5	bc-	46	97	9	4000	Cu	5	-	5	•
Falmouth	1011.1	0	NNW	5	co	43	55	8	-	CuNb	8	-	8	•
Plymouth	1009.3	-1	NNW	4	co/s	45	55	8	1500	StCu	9	-	9	•
Portland Bill	1007.5	0	NNW	5	bc+	42	85	8	1500	StCu	5	-	5	•
Calshot	1006.7	-1	NNW	5	co/s	43	65	9	4000	~~St~~ Cu	5	Ci	6	•
Dungeness	1005.4	-1	N	2	bc+	45	97	7	5750	Cu	5	-	5	•
Jersey	1008.9	0	NNW	3	bc/s	44	65	8	1500	StCu	4	—	4	•

Observations at 1800 G.M.T. 15th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1003.0	+1	N	6	ps	34	65	7	-	-	-	ACu	5	4
Stornoway	1012.4	0	N	5	ph	36	75	6	4000	Cu	6	—	6	5
Wick	1006.9	+1	NNW	6	o/s	36	85	7	4000	CuNb	5	—	5	5
Castlebay	1014.0	0	NW	3	rs	34	97	6	800	St	10	—	10	4
Nairn	1009.7	•	NNW	4	c	36	•	•	•	•	•	•	•	•
Aberdeen	1007.3	+2	NW	4	bo/s	36	75	8	2500	CuNb	3	-	3	3
Malin Head	1012.2	-1	NNW	4	PRS	39	85	7	2500	CuNb	3	—	3	5
Renfrew	1009.7	+2	N	3	c	40	65	8	~~2500~~ 4000	Cu	7	—	7	•
Leith	1008.9	•	NNW	5	co/s	38	75	9	-	Cu	7	•	7	•
Eskdalemuir	1008.0	+2	NNW	3	Rh₀	38	55	8	4000	CuNb	8	—	8	•
Tynemouth	1006.1	+2	N	6	ph₀	40	75	8	4000	CuNb	5	—	5	6
Blacksod Point	1016.5	+1	N	5	bc	41	75	8	5750	Cu	5	—	5	4
Donaghadee	1011.5	+1	N	5	bc-	42	65	8	4000	Cu	4	—	4	6
Birr Castle	1015.9	•	NW	4	bc-	40	85	8	800	Cu	3	ACu	5	•
Baldonnell	1013.4	+2	NW	4	co	40	85	7	2500	StCu	6	ASt	7	•
Holyhead	1009.8	+1	NNW	7	bc	43	75	8	2500	Cu	4	—	4	6
Liverpool (Bidston)	1007.5	+2	NW	3	bcv	43	55	9	—	StCu	3	CuCu	4	6
Manchester (Alex.Pk.)	1006.6	0	NNW	3	co	43	65	5	2500	CuNb	7	Cu	9	•
Howden	1005.5	+2	N	3	co-	35	97	6	~~500~~	St	5	ASt	9	•
Spurn Head	1003.4	0	N	6	PRS	35	92	7	450	St	10	—	10	4
Nottingham	1006.3	•	NNW	3	o/s	38	85	3	4000	Nb	7	ACu	9	•
Cranwell														•
Gorleston	1003.7	0	N	3	bc-	42	45	8	5750	Cu	4	-	4	3
Pulham	1003.7	0	WNW	3	co	40	55	7	2500	StCu	2	Cu	7	•
Felixstowe	1006.0	0	W	3	co-	39	65	8	2500	CuNb	1	Cu	5	1
Valencia (Cahirciveen)	1018.5	+1	NNW	5	bc+	44	65	9	4000	StCu	5	-	5	4
Roches Point	1016.0	0	NNW	4	bc-	42	85	8	1500	CuNb	2	—	2	0
Pembroke (St.Ann's H.)	1012.0	+1	NW	5	bc+	42	65	9	5750	Cu	3	-	3	3
Ross-on-Wye	1008.0	+1	N	1	co+	39	85	9	4000	CuNb	7	-	7	•
Benson	1007.0	+1	N	1	rs	32	97	5	—	Cu	2	-	2	•
S. Farnborough	1006.8	+1	NW	2	o/s	34	85	8	2500	Cu	4	Ci	5	•
London	1006.7	0	N	2	co-	37	75	7	2500	Nb	7	—	7	•
Croydon	1007.2	0	NW	3	rs/s₀	37	85	6	1500	Nb	7	-	8	•
Clacton-on-Sea	1005.0	0	WNW	3	bc	40	65	8	1500	Cu	2	ASt	5	1
Shoeburyness	1004.9	0	—	0	bc/s	39	65	7	4000	StCu	1	Ci	2	•
Grain	1006.1	0	—	0	bc/s	36	75	6	2500	Cu	2	ASt	5	0
Lympne	1005.6	-1	NW	1	co/s	34	85	7	4000	St	6	Ci	7	•
Scilly (St. Mary's)	1013.8	0	NNW	5	pr₀	40	85	8	4000	CuNb	4	—	4	5
Falmouth	1011.8	+1	NW	6	rh	43	65	7	—	CuNb	7	-	7	•
Plymouth														•
Portland Bill	1008.3	+1	NE	5	rs	35	85	4	150	St	10	—	10	3
Calshot	1007.8	+2	NE	3	prs₀	~~38~~	92	8	4000	CuNb	8	Ci	9	1
Dungeness	1005.4	0	—	0	bc/s	35	97	7	4000	CuNb	3	Cu	5	3
Jersey	1008.9	0	NNW	4		41	65	8	1500	StCu	5	—	5	3

37

LONDON OBSERVATIONS.

	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. min.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 HOURS ENDED 0900 G.M.T. 16th							YESTERDAY.		TO-DAY.
Kew				•	•	27	1.2	8.5	•	•
Croydon {24 hours ended 0700	p	s(r)	b w/bc	•	•	25	2.1	•	•	•
Greenwich (Royal Obsy.)	5 w RS	S(r)	6 w RS							
City (Bunhill Row)	c	OS	OS	45	32	24	1	7.7	70	62
Westminster (St. James' Pk.)	•	•	•	•	•	•	•	6.5	•	•
Regents Pk. (Botanical Gdns.)	•	•	c	45	33	27	1.2	7.8	82	60
Camden Sq. (Brit. Rainfall)	•	•	•	•	•	•	•	7.9	•	•
Kensington Palace	c	OS	•	46	31	27	1	•	90	62
Hampstead Observatory	OS	bcs	•	44	31	26	2.5	•	82	63
	•	•	•	42	29	25	.2	6.4	•	66

ATMOSPHERIC POLLUTION. Lbs. of Solid impurity per million cubic yards.

24 Hr. ended 1600 G.M.T.

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total 1395 joules

Average Rate 28.2 Milliwatts.

Maximum Rate 86 Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 15th 20 h. 0 m. to 16th 04 h. 0 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	8.0	3 25	43
δ Ursae Minoris	8.0	3.15	41

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

16th & 17th APRIL 1921.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.55	11.53	6.50
	4.53	11.53	6.52
Greenwich	5.5	12.0	6.55
	5.3	12.0	6.57
Wick	5.1	12.12	7.24
	4.58	12.12	7.26
Valencia	5.45	12.41	7.37
	5.43	12.41	7.39

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, i.e., rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; — = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
r₀r₀ = continuous light rain.

SEA DISTURBANCE.

0 = no swell } Calm or
1 = mod. swell } slight
2 = heavy swell } sea.
3 = no swell } Moderate
4 = mod. swell } sea.
5 = heavy swell }
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

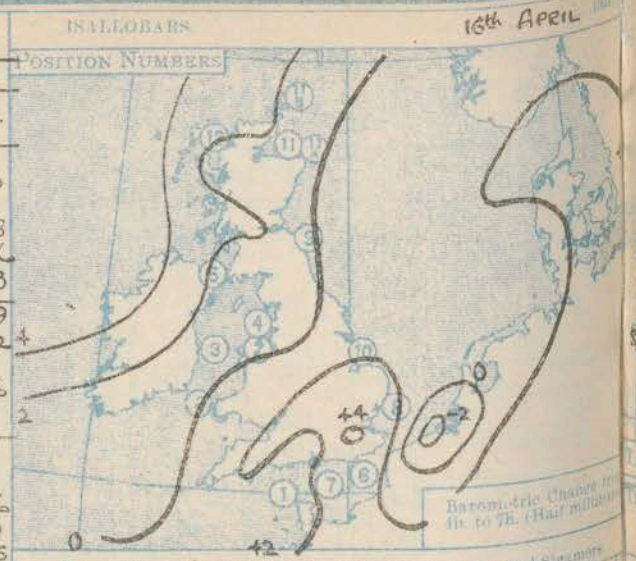
Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 15th	13h.-18h. 15th	18h.-19h. to 1h. 16th	1h.-7h. 16th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	SUN. Hours.
Lerwick	S or RS	S(r)	S or RS	S or RS	38	29	*	1	-	07.30	*
Stornoway	p	r or d	S or RS	p	41	29	*	2	1	07.30	7.3
Wick	S or RS	S(r)	S or RS	S or RS	40	28	*	1	0.2	07.30	*
Castlebay	S or RS	c	S or RS		37	33	*	2	2	17.30	7.8
Nairn	cpr Sq	chpq	cbex		41	29	*	0.4	trace	*	4.6
Aberdeen	S(RS)	p	p		40	28	22	3	0.3	07.30	5.3
Malin Head	p	r or d	p	p	41	32	*	1	2	07.30	5.9
Renfrew	c	p	b or bc	c	44	28	16	0.1	-	13.30	8.2
Leith	h or hr		f or m		43	29		0.4	-		*
Eskdalemuir	c	p	S or RS	b or bc	43	18	14	Trace	0.4	14.30	7.6
Tynemouth	S or RS	S(r)	b or bc	b or bc	41	28	*	2	0.2	9.0	*
Blacksod Point	h or hr	p	h or hr	S or RS	44	36	*	0.1	1	07.30	*
Donaghadee	h or hr	b-bc	S or RS		44	30	*	0.5	0.3	9.0, 13.30	*
Birr Castle	c	p	p		43	28	22	0.1	0.2	13.30	9.6
Baldonnell	c	r or d	b or bc	oo	44	28	23	Trace	-	11.30	8.9
Holyhead	c	p	S or RS	c	45	34	32	0.1	1	9.0	8.5
Liverpool (Bidston)	h or hr	b or bc	b or bc		45	33	26	0.6	0.5	7.30, 13.30	9.5
Manchester (Alex. Pk.)	S or RS	S(r)	b or bc		45	25	17	-	-	-	*
Howden	c	S(r)	b or bc	b or bc	41	29	13	2	-	13.30	6.8
Spurn Head	S or RS	S(r)	p	S or RS	41	30	30	0.2	3	-	*
Nottingham	S or RS	S(r)	b or bc		42	28	23	1	-	10.30	6.3
Cranwell			b or bc	b or bc	?	28	26	?	1	?	9.7
Gorleston	h or hr	o or bc	S or RS	h or hr	43	32	32	-	7	- 11.0	11.2
Pulham	b or bc	c	S or RS	S or RS	45	33	31	-	5	-	11.9
Felixstowe	c	c	r or d	c	46	34	*	0.4	1	13.30	11.3
Valencia (Cahirciveen)	h or hr	b or bc	r or d	p	46	37	32	0.1	0.1	7.30, 14.30	9.1
Roches Point	p	p	b or bc		46	32	*	0.5	-	10.30	*
Pembroke (St. Ann's H.)	c	r or d	c	c	45	37	*	-	-	-	10.2
Ross-on-Wye	p	p	b or bc		46	30	20	0.1	1	14.30	8.2
Benson	c	S(r)	S or RS		43	21	?	2	2	15.30	*
S. Farnborough	h or hr	S(r)	c		47	26	23	0.3	-	12.30	7.6
London	p	S(r)	b or bc		41	32	27	1	0.2	13.30	8.5
Croydon	S or RS	S(r)	S or RS	b or bc	42	30	25	0.1	2	10.30	*
Clacton-on-Sea	b or bc		S or RS		45	33	32	-	2	- 14.30	9.3
Shoeburyness	b or bc	S(r)	S or RS		44	32	25	0.1	2	13.30	8.9
Grain	o or bc	S(r)	b or bc		44	28	22	Trace	1	13.30, 9.0	7.5
Lympne	b or bc	S(r)	S or RS	S or RS	42	28	23	0.2	2	13.30, 9.0	7.0
Scilly (St. Mary's)	p	r or d	p	c	47	37	*	1	0.4	9.0	9.5
Falmouth	h or hr	p	h or hr	h or hr	46	34	30	1	1	-	8.2
Plymouth	S or RS	S or RS	b or bc		45	35	*	-	-	-	9.2
Portland Bill	c	S(r)	b or bc	b or bc	45	33	*	-	-	-	*
Calshot	h or hr	S(r)	c	b or bc	45	32	30	-	-	9.0	10.2
Dungeness	S or bc	S(r)	S or RS	S or RS	46	30	*	Trace	1	16.30, 0.0	*
Jersey	p	b or bc	h or hr		45	33	*	0.6	1	9.0	9.0



Temperature reported from Cross Channel and Coastal Steamers

Position Number	4	3	4
Date	15th	15th	16th
Time G.M.T.	0300	0945	0530
Sea °F	44	46	38
Air °F	38	39	39

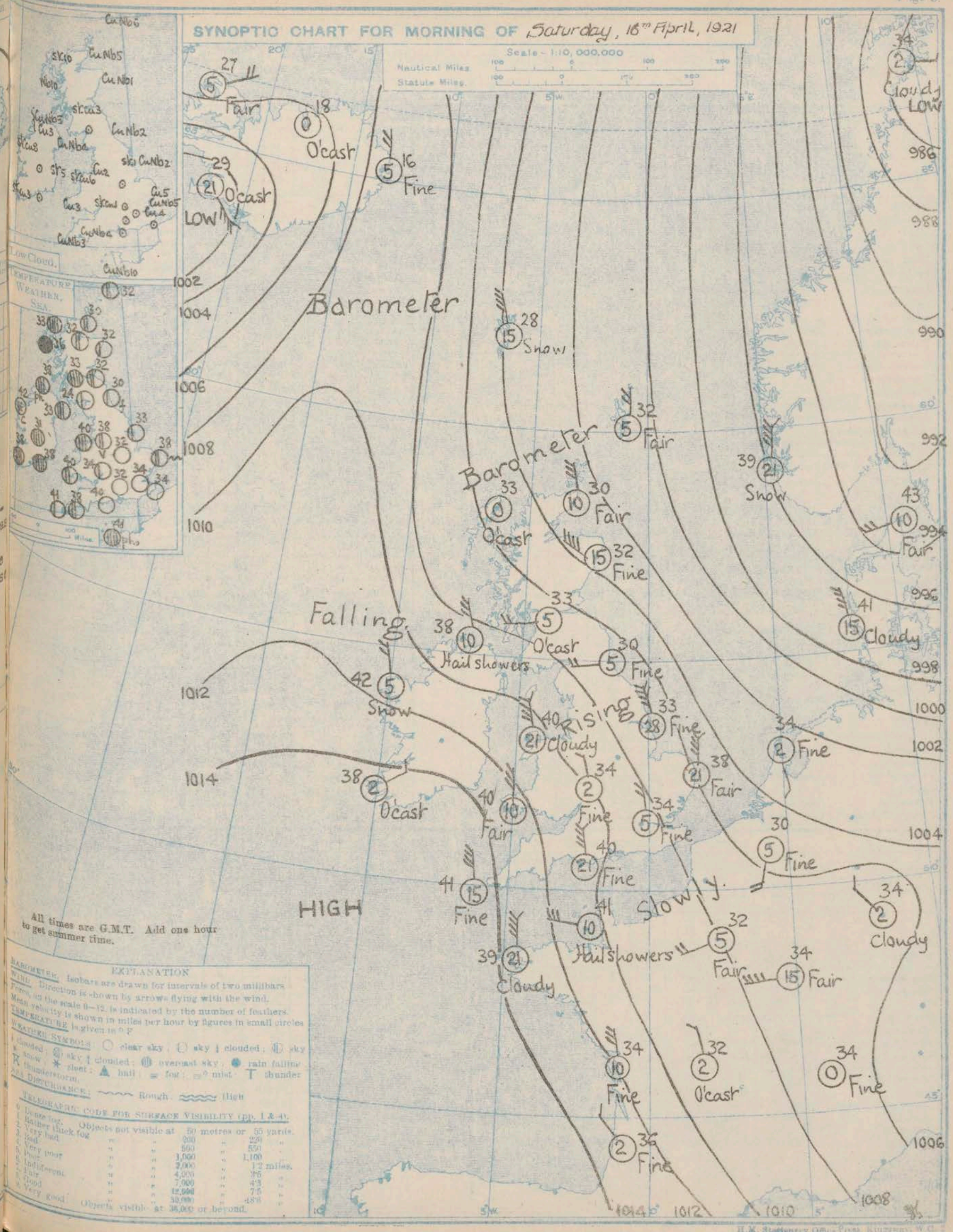
GENERAL INFERENCE.

Further secondaries moving South-Eastward will cause snow or hail in places during Saturday. A new depression which has appeared to South-Westward of Iceland will result in a change of wind to South-West and a rise of temperature in the Western districts spreading later over the whole Kingdom.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday 16th April, 1921.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland	Wind North-West moderate; variable sky, local showers of hail or snow; morning mist in places, day visibility fair to good; cold.	South-West wind current and milder weather spreading from the North-West.
12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind North-West light or moderate, backing towards South-West later; cloudy, snow in places; probably some rain later; visibility fair; cold Saturday, milder Sunday.	

E.S.B.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.00 G.M.T. G. C. SIMPSON, F.R.S., Director.



H.M. Stationery Office Press, Kingsway, W.C.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION...Saturday, 16* April.....1921. No. 106...

Observations at 0100 G.M.T.....16*.....

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1006·4	0	N	4	bc/s	32	85	4	4000	Cu Nb	5	-	5	*
Stornoway	1010·9	-2	N	4	bc	*	*	7	*	*	*	*	*	*
Wick	1005·7	-2	NNW	4	S	30	85	8	5750	Cu Nb	3	-	3	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1011·6	-2	NW	3	co/r	40	85	7	4000	St Cu	9	-	9	*
Renfrew	1009·9	-1	SW	2	bc	30	75	8	4000	St Cu	1	-	1	*
Leith	*	*	*	*	*	*	*	*	*	-	*	*	*	*
Eskdalemuir	1010·0	0	NNW	3	bc-	26	85	8	-	-	-	-	-	*
Tynemouth	1009·2	0	NNW	2	bc	34	75	7	4000	Cu Nb	2	-	2	*
Blacksod Point ...	1014·9	-2	NW	2	bc	40	75	7	4000	Cu	3	-	3	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1014·4	+1	WNW	3	bc	29	92	7	-	-	-	-	-	*
Holyhead	1011·3	+1	NNW	5	bc	*	*	8	1500	Cu	4	-	4	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	1007·8	+2	NNW	3	bc	30	97	6	4000	Cu	1	-	1	*
Spurn Head	1005·5	+1	N	6	bc	38	75	9	4000	Cu Nb	4	-	4	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1007·8	+2	NW	4	bc-	31	85	7	-	-	-	-	-	*
Gorleston	1003·2	-1	NE	6	bc/s	35	85	9	5750	Cu Nb	5	-	5	*
Pulham	1004·1	+1	NW	2	co/s	36	92	5	2500	St Cu	9	-	9	*
Felixstowe	1005·4	-1	NW	4	bd	36	97	8	2500	Cu Nb	8	-	8	*
Valencia (Cahirciveen)	1017·8	0	NNW	4	bc/s	38	*	*	*	*	*	*	*	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St.Ann's H.)	1012·5	0	NW	5	bc	39	75	9	5750	Cu	3	-	3	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London	1006·9	0												
Croydon	1007·4	0	WNW	4	bc/s	33	97	7	1500	St	5	-	5	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1005·2	-1	-	0	s.s.	32	92	6	800	Nb	10	-	10	*
Scilly (St. Mary's) ...	1014·5	0	NNE	4	co+	40	85	8	4000	Cu Nb	5	-	5	*
Falmouth	1013·0	0	N	4	s.	36	85	8	-	Nb	4	-	4	*
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1009·1	+1	NNW	5	bc-	40	85	8	-	-	-	-	-	*
Calshot	1008·7	0	NW	3	bc-	34	92	8	-	-	-	-	-	*
Dungeness	1005·6	-1	W	3	r s.	33	97	5	?	?	?	?	?	*
Jersey (Guernsey lh.)	1011·1	+1	NW	5	h (r s.)	36	85	8	5750	Cu Nb	7	-	7	*

Observations at 0700 G.M.T.....16*.....

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1008	-1	N	2	bc	32	85	8	1250	Cu Nb	6	-	6	1
Stornoway	1003·8	-2	-	0	co/s	33	75	6	450	St	10	-	10	0
Wick	1003·7	-2	NW	3	bc/s	30	97	7	4000	Cu Nb	5	-	8	2
Castlebay	1006·5	-2	E	1	od.	36	97	6	800	Nb	10	-	10	1
Nairn	1005·4	*	-	0	bc	32	*	*	*	*	*	*	*	4
Aberdeen	1005·9	-1	WNW	4	bc/s	32	75	8	2500	Cu Nb	1	Ci	2	3
Malin Head	1008·1	-4	NW	3	ph.	38	97	7	2500	Cu Nb	8	-	8	1
Renfrew	1008·1	-1	W	2	co-	33	85	8	2500	St Cu	3	A.St	8	*
Leith	1007·4	-2	?	?	bc+	32	75	4	-	St	2	A.St	4	*
Eskdalemuir	1008·6	-1	-	0	bc	24	65	8	-	-	-	Ci	2	1
Tynemouth	1007·8	0	W	2	fb-	30	85	5	4000	Cu Nb	2	-	2	0
Blacksod Point ...	1010·1	-5	NW	2	s.	42	75	8	4000	St Cu	8	-	8	0
Donaghadee	1010·9	-1	WNW	3	co+	33	85	8	4000	Cu Nb	4	A.St	7	*
Birr Castle	1013·4	*	NW	1	co+	31	97	6	7250	-	-	Ci.Cu	8	*
Baldonnell	1012·8	-2	WSW	3	co	32	85	8	800	St	8	A.St	10	
Holyhead	1010·4	0	NNW	5	co	40	75	8	2500	St Cu	6	Ci	7	4
Liverpool (Bidston) ...	1008·7	0	NW	3	bcv	38	65	9	2500	Nb	5	-	5	4
Manchester (Alex.Pk.)	?	0	SSE	1	bc+	31	92	4	2500	Cu	2	-	2	*
Howden	1008·2	0	NE	1	bc	31	85	6	4000	St	1	A.St	2	5
Spurn Head	1006·2	+1	NNW	6	bc/s	33	65	7	7250	Cu Nb	2	-	2	*
Nottingham	1008·7	*	W	2	bc-	32	85	3	-	-	-	-	-	*
Cranwell	1008·8	+2	WNW	4	bc	31	75	6	-	-	-	A.St	1	6
Gorleston	1004·5	+2	N	3	bc	38	85	8	5750	Cu	5	-	5	*
Pulham	1006·1	+3	NW	3	co/s	35	92	6	1500	St Cu	8	-	8	3
Felixstowe	1007·4	+3	NW	4	co	36	92	8	1500	Cu Nb	7	-	7	*
Valencia (Cahirciveen)	1014·9	-1	NE	1	co-	38	92	9	2500	St Cu	3	Ci	9	1
Roches Point	1015·5	-1	NW	2	co	38	85	8	-	-	-	Ci.St	10	0
Pembroke (St.Ann's H.)	1012·8	+1	NW	3	bc	40	75	9	5750	Cu	3	Ci.St	6	3
Ross-on-Wye	1010·6	+2	NW	1	bc	34	85	9	5750	St Cu	1	-	1	*
Benson...	1009·7	+2	-	0	bc/s	30	97	5	-	-	-	-	-	*
S. Farnborough ...	1009·7	+3	NW	3	bc	32	75	8	-	-	-	-	-	*
London	1009·1	+3	NW	2	bc/s	34	75	6	-	-	-	-	-	*
Croydon	1009·4	+4	WNW	2	bc	32	85	6	-	-	-	-	-	*
Clacton-on-Sea ...	1006·2	+2	NNW	4	bc/s	35	92	7	1500	Cu	4	-	4	0
Shoeburyness	1006·0	+3	NE	3	bc/s	35	75	7	-	-	-	-	-	*
Grain	1008·7	+2	NW	4	bc/s	35	85	7	-	-	-	A.St	1	3
Lympne	1006·8	+2	NW	4	bc/s	32	92	7	1500	St Cu	3	-	3	*
Scilly (St. Mary's) ...	1014·4	0	NNW	4	bc-	41	75	9	4000	Cu Nb	3	-	3	4
Falmouth	1013·4	+1	NNW	3	bc	38	65	8	-	Cu Nb	4	-	4	*
Plymouth	1012·6	+2	N	3	co+	35	85	8	1500	St Cu	5	A.Cu	6	*
Portland Bill	1009·9	+1	NNW	5	bc	40	85	8	-	-	-	-	-	4
Calshot	1010·2	+3	N	4	bc	35	85	8	-	-	-	-	-	0
Dungeness	1006·8	+3	N	3	bc-	34	97	6	-	-	-	-	-	4
Jersey (Guernsey lh.)	1010·8	0	WNW	3	ph.	41	75	8	2500	Cu Nb	10	-	10	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR.....15th April, 1921.

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 14th-15th mm.	Rainfall.† Day 9h.-18h. 15th mm.	Sunshine. Sunrise to 17h. 15th hr.	Sunshine. Sunrise to Sunset. 14th hr.
Banff	bc h c	cp bc	42	32	3	1	4·9	4·6
Montrose	os bc	c	43	28	1	1	5·7	6·5
Llandudno	c bc	c bc	45	35	1	0·1	9·2	8·5
Colwyn Bay ...	bc b	bc b	46	36	-	-	8·5	8·6
Rhyl...	bc	cbc	?	?	1	-	8·5	9·6
Southport	bc b bc	cp bc	46	38	1	-	9·3	12·2
Blackpool	bc	c	46	34	0·2	-	9·0	9·6
Harrogate	bc cps	bc ps o	41	26	0·2	0·4	6·1	4·9
Skegness	x. b	b. o	44	28	-	-	9·2	8·1
Aberystwyth ...	o c b	cbc	43	35	1	1	4·0	8·0
Bath	b bc	b b c c	44	32	-	-	8·5	9·0
Leamington Spa ...	bc	cs	44	29	1	1	7·6	8·7
Lowestoft	bc	bc	45	32	0·2	-	10·0	7·6
Felixstowe	b	b	45	31	1	-	10·4	7·2
Southend	b. bc	os.c	45	31	Trace	Trace	8·6	9·8
Ilfracombe ...	c o h s c	c o h s	43	35	1	2	5·4	8·8
Bude ...	h p c bc	h p s bc	44	36	-	1	7·3	9·2
Penzance	c p h bc	p h c bc	48	37	1	1	8·5	8·5
Torquay	b p o s h	b p s c	45	35	0·1	2	8·1	9·7
Weymouth ...	bc s bc	bc s bc	52	33	-	0·2	9·1	9·3
Bournemouth ...	b. p	b. p. b	46	32	0·3	0·3	10·0	8·5
Portsmouth (S'thesa)	ps	ps	45	33	-	-	9·2	8·3
Worthing	bc h s c	bc	44	31	?	?	9·0	7·8
Brighton	bc c s	os c	45	33	-	1	8·8	8·0
Eastbourne	b. bc	r s.c	46	32	-	0·1	8·2	8·0
Hastings	b bc	c o s bc	43	31	-	1	7·9	7·4
Folkestone	bc o	c o s p	50	32	1	0·3	7·0	5·8
Tunbridge Wells ...	bc	c	43	30	-	-	6·2	8·0
Ramsgate	bc	bc	44	34	-	-	8·8	6·0
Margate	b	b bc c s	44	36	-	2	8·5	5·6

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.21696 SUNDAY, 17th APRIL 1921.

Observations at 1300 G.M.T. 16

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1000.7	0	NW	3	bc/s	35	78	8	7250	Cu N	5	-	5	*
Stornoway	1000.8	-5	SE	3	co	40	75	6	450	St	10	-	10	*
Wick	1002.0	-2	WSW	2	bc/s	39	65	9	4000	Cu N	4	-	6	*
Castlebay	1000.2	-4	SSW	5	opf	41	92	6	430	Nb	10	-	10	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1004.0	-1	WNW	3	bc+	42	55	9	4000	Cu	3	Ci	4	*
Malin Head	1002.1	-8	SW	4	opf	43	97	8	2500	Cu Nb	9	-	9	*
Renfrew	1004.4	-5	SSW	4	opf	42	85	7	2500	St Cu	6	A Cu	9	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1004.1	-3	SW	3	co+	40	55	8	4000	St Cu	9	-	9	*
Tynemouth	1005.8	-2	W	1	bc	43	55	8	4000	Cu Nb	4	-	4	*
Blacksod Point	1003.5	-8	SW	4	opf	46	92	7	450	St	10	-	10	*
Donaghadee	1007.4	-4	WNW	3	co	45	65	8	4000	Cu	4	Ci	6	*
Birr Castle	1008.5	*	W	3	co	48	65	8	4000	Cu Nb	8	-	8	*
Baldonnell	1007.9	-5	WSW	4	bc	49	55	9	4000	Cu	3	A St	5	*
Holyhead	1008.6	-3	WNW	5	co	45	78	8	2500	St Cu	8	A St	9	*
Liverpool (Bidston)	1007.9	-1	WNW	4	bc	42	65	8	4000	Cu	3	-	6	*
Manchester (Alex. Pk.)	1007.8	-1	NW	4	co	43	65	6	2500	Cu Nb	9	-	9	*
Howden	1006.4	-1	NE	3	co+	45	55	9	4000	St Cu	5	-	8	*
Spurn Head	1006.2	0	NW	3	bc	43	92	9	4000	Cu	3	-	3	*
Nottingham	1007.6	*	NNW	3	co+	45	65	4	4000	Cu Nb	4	-	7	*
Cranwell	1008.2	-1	WNW	4	co-	41	55	7	1500	Cu Nb	3	-	9	*
Gorleston	1006.5	+1	N	4	bc/s	43	55	8	2500	Cu Nb	3	-	5	*
Pulham	1007.4	0	NW	3	bc	45	55	8	4000	Cu	5	-	5	*
Felixstowe	1009.1	+1	NW	4	bc	46	55	8	4000	Cu	5	-	5	*
Valencia (Cahirciveen)	1008.9	-8	S	4	co	47	85	8	800	St Cu	10	-	10	*
Roches Point	1011.8	-5	WSW	4	of	44	92	8	2500	Nb	10	-	10	*
Pembroke (St. Ann's H.)	1012.2	-1	WSW	3	bcv	44	65	9	5750	Cu	1	Ci St	5	*
Ross-on-Wye	1009.6	-1	N	2	cov	46	55	9	4000	St Cu	6	-	9	*
Benson	1009.0	-1	NNW	2	bc	44	65	8	-	Cu	4	-	4	*
S. Farnborough	1009.0	0	WNW	3	co+	44	55	8	4000	St Cu	5	-	7	*
London	1008.8	-1	W	3	co	45	45	8	5750	Cu	7	-	7	*
Croydon	1009.9	+2	NNW	4	co+	45	55	8	1500	Cu Nb	4	-	7	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1008.4	+2	NE	2	bc+	45	45	7	4000	Cu	5	-	5	*
Grain	1008.8	0	NW	3	co+	43	*	9	5750	St Cu	5	-	7	*
Lympne	1008.1	0	NW	4	co	43	55	8	2500	Cu	8	-	8	*
Scilly (St. Mary's)	1014.4	0	WNW	2	bc	49	65	8	4000	Cu	4	-	4	*
Falmouth	1013.0	-1	NW	3	bc	46	55	9	-	Cu Nb	5	-	9	*
Plymouth	1012.1	-1	NW	3	bcv	47	55	9	4000	Cu	4	-	4	*
Portland Bill	1009.9	0	NNW	4	bc	41	85	8	2500	Cu	5	-	5	*
Calshot	1010.1	0	N	4	co+	46	55	8	4000	Cu	8	-	8	*
Dungeness	1007.8	+2	NNW	3	bc+	46	97	9	5750	Cu	5	-	5	*
Jersey	1012.5	+1	WNW	3	bc/s	49	55	8	2500	St Cu	3	-	3	*

Observations at 1800 G.M.T. 16

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	999.2	-1	NNW	2	bc/s	36	78	7	7250	Cu Nb	3	-	5	1
Stornoway	994.2	-9	SE	4	of	41	85	5	450	St	10	-	10	1
Wick	999.1	-3	E	3	bc-	37	85	8	4000	Cu	7	-	7	1
Castlebay	991.2	-10	SW	3	co/r	43	97	6	800	Nb	10	-	10	4
Nairn	997.0	"	-	0	c	42	*	*	*	*	*	*	*	*
Aberdeen	1001.0	-3	S	2	co+	38	85	7	4000	St Cu	3	Ci St	8	0
Malin Head	999.2	-9	SW	4	orf	42	92	5	2500	Nb	10	-	10	4
Renfrew	999.1	-5	S	4	of+	41	85	7	1500	Nb	10	-	10	*
Leith	997.1	"	W	2	co	43	65	8	4000	St Cu	2	Ci St	10	*
Eskdalemuir	1001.1	-6	S	4	co+	37	85	8	2500	St Cu	8	A St	10	*
Tynemouth	1003.1	-2	W	2	co	?	65	7	4000	St	10	-	10	1
Blacksod Point	996.7	-7	NW	4	PH+	45	78	6	4000	Cu Nb	5	Ci	8	3
Donaghadee	1000.3	-7	WNW	3	co	45	65	8	5750	St Cu	10	-	10	0
Birr Castle	1000.7	*	SW	2	co+	45	92	6	2500	Cu Nb	9	-	9	*
Baldonnell	1000.5	-10	WSW	5	of	42	85	6	1500	St	8	-	10	*
Holyhead	1003.2	-6	SW	6	co	43	75	9	2500	Nb	1	A St	10	4
Liverpool (Bidston)	1004.6	-4	WSW	3	co+	42	65	9	2500	St	5	-	10	4
Manchester (Alex. Pk.)	1005.6	-3	W	3	co	42	65	7	1500	St	6	Ci St	9	*
Howden	1004.5	-3	-	0	co-	44	85	9	4000	St	5	-	7	*
Spurn Head	1005.3	-1	SSE	3	bc	43	65	9	4000	Cu	3	-	3	1
Nottingham	1006.4	*	WNW	3	co	45	85	4	4000	Cu	6	A Cu	8	*
Cranwell	1006.8	-1	WNW	3	bc-	43	65	8	4000	St Cu	3	Ci St	4	*
Gorleston	1007.4	0	NNE	2	co+	41	55	9	4000	Cu	4	A Cu	8	0
Pulham	1007.0	0	WSW	3	co+	41	65	7	4000	St Cu	4	A Cu	8	*
Felixstowe	1009.3	+1	W	2	co+	42	55	8	7250	St Cu	10	-	10	1
Valencia (Cahirciveen)	1004.2	-5	WSW	5	co+	48	75	8	1500	St	2	-	8	3
Roches Point	1004.4	-9	WSW	4	co/r	48	97	8	1500	Nb	7	-	7	3
Pembroke (St. Ann's H.)	1007.2	-4	SW	4	opf	43	92	8	4000	Nb	10	-	10	3
Ross-on-Wye	1007.8	-3	W	4	co	44	65	9	2500	Nb	9	A St	10	*
Benson	1009.0	-1	WNW	3	bc-	43	65	9	-	Cu	2	-	2	*
S. Farnborough	1008.4	-2	WNW	2	bc/s	47	55	8	2500	St Cu	6	A Cu	8	*
London	1008.3	-1	W	2	bc	43	65	8	4000	Cu	1	A Cu	2	*
Croydon	1008.9	-1	WSW	3	bc/s	41	75	8	4000	Cu	4	A Cu	8	*
Clacton-on-Sea	1007.8	0	NNW	2	co+	43	65	7	2500	St Cu	7	A Cu	8	0
Shoeburyness	1008.4	0	NE	1	co+	41	65	7	5750	Cu	6	-	6	*
Grain	1008.8	0	-	0	bc-	41	65	7	5750	Cu	2	-	2	0
Lympne	1008.1	-1	NW	2	co-	41	65	6	1500	St	6	-	8	*
Scilly (St. Mary's)	1011.1	-3	WSW	4	opf	45	92	8	-	St	10	-	10	5
Falmouth	1010.7	-2	SW	3	co+	45	65	8	-	Cu	2	-	6	*
Plymouth	1010.7	-2	WSW	3	co@	45	65	9	4000	St Cu	3	Ci St	8	*
Portland Bill	1009.0	-1	NW	4	bc	41	85	8	-	-	-	Ci Cu	4	3
Calshot	1009.5	-1	WNW	2	bc	44	65	9	5750	St Cu	4	-	4	0
Dungeness	1008.6	0	-	0	co/s	42	92	7	-	-	-	Ci Cu	7	2
Jersey	1011.9	0	WNW	4	bc	46	45	8	2500	St Cu	1	-	1	0

London Observations.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 Hours ended 0900 G.M.T. 17							Yesterday.	To-day.	
Kew				*	*			*	*	*
Croydon } 24 hours ended 0700				*	*			*	*	*
Greenwich (Royal Obsy.)	bc	c	c.of/s	50	35	26	1	9.6	53	92
City (Bunhill Row)	*	*	*	*	*	*	*		*	*
Westminster (St. James' Pk.)	*	*	*							
Regents Pk. (Botanical Gdns.)	*	*	*	*	*	*	*	10.5	*	-
Camden Sq. (Brit. Rainfall)	b	bc.c	*	51	37	30	2	*	50	92
Kensington Palace	c.bc	bc.c.bc	*	47	36	29	1	*	40(1 Sh.)	92
Hampstead Observatory	*	*	*		*	*		*	*	

Atmospheric Pollution. Lbs. of Solid impurity per million cubic yards.

24 Hr. ended 1500 G.M.T. 16

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.

Solar Radiation. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..... joules

Average Rate

..... Milliwatts.

Maximum Rate

..... Milliwatts.

Pole Star Record at Greenwich Obsy.

Exposure from

..... h. ..... m.

to ..... h. ..... m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris			
δ Ursae Minoris			

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.

17th & 18th April 1921.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.53	11.53	6.52
	4.51	11.52	6.53
Greenwich	5.3	12.0	6.57
	5.1	11.59	6.58
Wick	4.58	12.12	7.26
	4.55	12.1	7.28
Valencia	5.43	12.41	7.39
	5.41	12.40	7.40

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers r rain.
rs sleet, *i.e.*, rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
r_0r_0 = continuous light rain.

Sea Disturbance.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

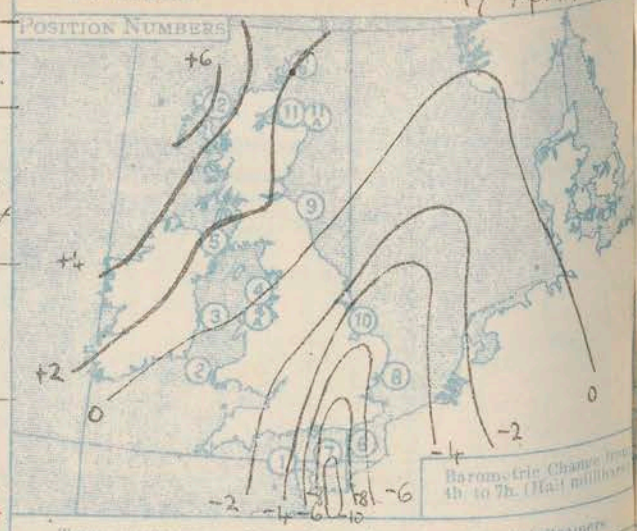
* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 16°	13h.-18h. 16°	18h. 16° to 1h. 17	1h.-7h. 17°	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL. Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	SUN. Hours.
Lerwick	s(r)	s(r)	c	b or bc	38	30		2			
Stornoway	oo	p	p	p	41	34		4	4	1530	1.6
Wick	s(r)	c	c	c	40	36		0.6	-	1100	
Castlebay	s(r)	r or d	r or d		43	40		6	3	-	0.4
Nairn	bc	bc c g	sg. bc		43	31		-	-	-	4.4
Aberdeen	b or bc	c	p		42	28	35	-	0.3	-	8.1
Malin Head	p	r or d	p	p	44	38		2	6	1100	2.8
Renfrew	p	oo	s or ms	r or d	45	36	35	0.1	4	1230	2.6
Leith			c		46	34	35	-	~~1~~ 0.2	-	
Eskdalemuir	c	h(r)	s or ts	s(rs)	41	32	32	1	10	1430	6.3
Tynemouth	b or bc	c	c	oo	44	35		-	1		
Blacksod Point	p	p	r or d	h, hr	49	34		3	3	2400	
Donaghadee	b or bc	oo	b or bc		49	34		-	3	-	
Birr Castle	c	p	p		48	35	30	1	3	1430	4.8
Baldonnell	b or bc	r or d	p	c	49	~~43~~ 33	31	0.1	1	1530	4.6
Holyhead	s(r)	c	r or d	c	44	39	35	1	13	0900	4.6
Liverpool (Bidston)	b or bc	b or bc	r or d		45	34	33	-	3	23.30	4.5
Manchester (Alex.Pk.)	c	oo	s(r)		47	33	32	-	5		
Howden	b or bc	oo	c	s(r)	48	32	29	-	2	02.30	10.4
Spurn Head	b or bc	b or bc	b or bc	b or bc	48	36		-	-	-	
Nottingham	c	c	b or bc	r or d	46	34	30	-	1	24.00	9.6
Cranwell	b or bc	c	c	s(rs)	45	30	24	-	3	03.30	9.3
Gorleston	s(r)	c	b or bc	b or bc	46	34	30	0.4		0900	4.5
Pulham	b or bc	c	s or ms	oo	45	32	25	-	0.4	-	8.6
Felixstowe	c	c	oo	oo	45	37		-	-	-	8.8
Valencia (Cahireiveen)	p	p	r or d	p	51	40	38	2	3	1100	1.6
Roches Point	c	r or d	p		48	40		3	2	1100	
Pembroke (St. Anu's H.)	b or bc	c	p	c	49	39		-	2	-	8.2
Ross-on-Wye	b or bc	oo	r or d		48	35	32	trace	4	1430, 2400	6.4
Benson	b or bc	b or bc	r or d		47	35	30	-	3	0430	
S. Farnborough	b or bc	h(r)	h(hr)		49	34	32	trace	4	1430, 0430	10.1
London	c	b or bc	r or d		46	36	32	0.1	~~1~~ 2	1630	10.4
Croydon	c	s(r)	oo	s(rs)	46	35	28	trace	3	1630	
Clacton-on-Sea	b or bc		b or bc		46	36	29	-	-	-	9.6
Shoeburyness	b or bc	c	r or d		47	31	22	-	2	01.30	11.0
Grain	b or bc	c	b or bc		48	37	29	-	1	24.00	10.5
Lympne	c	oo	c	s(rs)	44	41	28	-	1	05.30	8.2
Scilly (St. Mary's)	b or bc	p	p	p	50	44		0.2	4	-	8.0
Falmouth	c	c	p	p	50	~~41~~ 39		~~3~~ -	4	-	9.4
Plymouth	p	c			48	42	34	0.2	9	-	9.2
Portland Bill	c	c	c	r or d	44	40		-	9	0230	
Calshot	b or bc	p	r or d	r or d	44	40	34	trace	6	1630, 0130	9.9
Dungeness	b or bc	s(r)	c	r or d	42	36		trace	1	1730, 0530	
Jersey	h(r)	b or bc	r or d	r or d	49	41		0.1	8	0900, 0230	9.2

ISALLOBARS. 17th April, 1921.

POSITION NUMBERS



Temperature reported from Cross Channel and Coastal Steamers

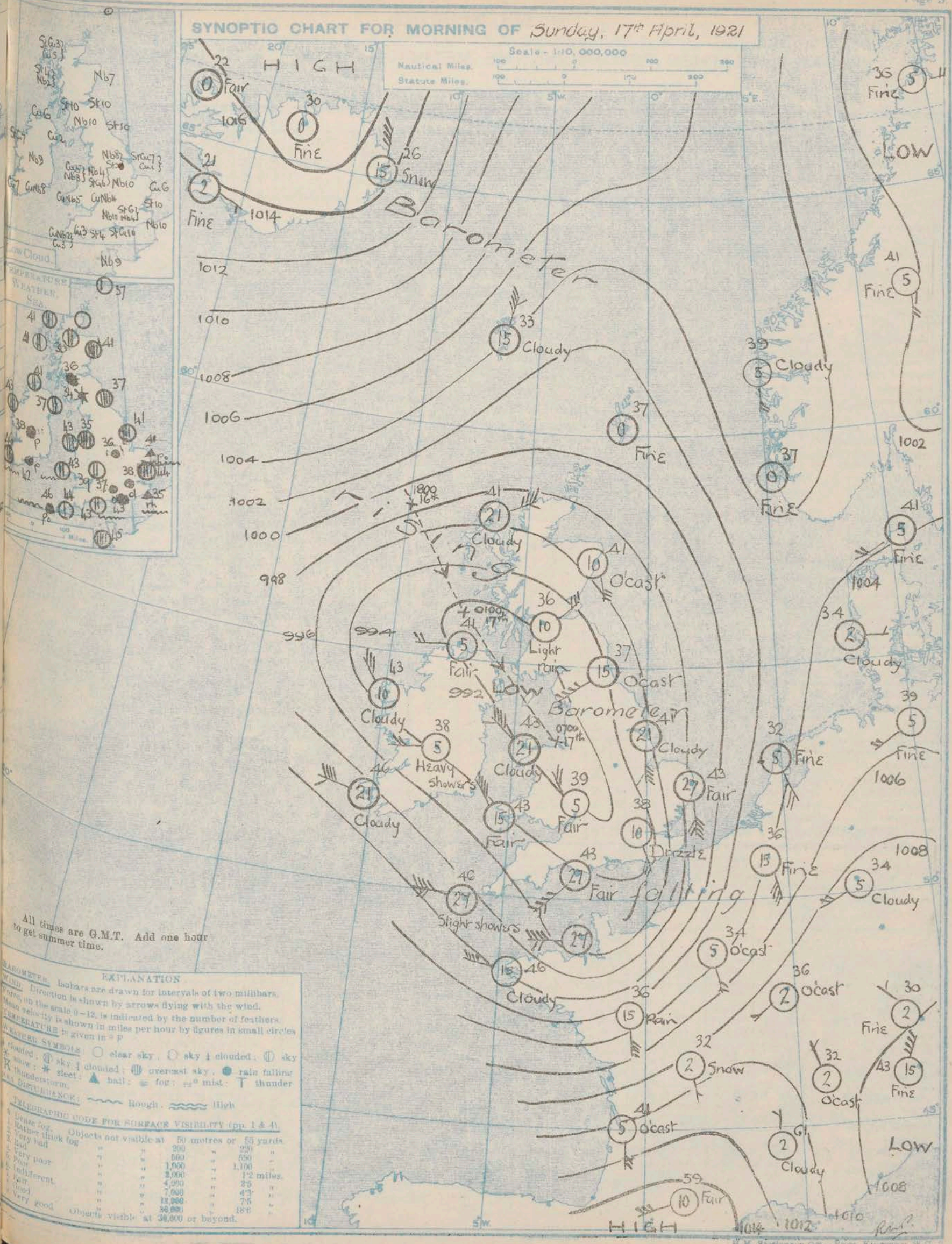
Position Number	12	3	1	6	4	2
Date	16th	16th	16th	16th	17th	17th
Time G.M.T.	0350	-	1200	1340	0240	0230
Sea ° F	45	46	49	50	47	48
Air ° F	36	39	43	46	45	44

GENERAL INFERENCE.

The depression now developing over Southern England will probably move South-East and a North-Easterly wind current will spread over the Kingdom from the North-West maintaining cold unsettled weather generally.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 17th April, 1921.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind S. or S.E., moderate or fresh, strong locally, changing later towards E. and decreasing; much low cloud, some rain, visibility indifferent to fair; rather cold.	North-East or East winds and cold unsettled weather. --------
5. S.W. England 6. South Wales	Wind N.W. to N., moderate or fresh; variable cloud, showers of rain or hail, visibility good; rather cold.	
7. North Wales 8. N.W. England 9. N. Midlands	Wind variable, becoming N.E., light to moderate; dull, some rain at first, fairer later, visibility good, deteriorating; rather cold.	
10. N.E. England	Same as 1 - 4.	
11. E. Scotland	Same as 14 - 16.	
12. S.W. Scotland 13. Isle of Man	Same as 7 - 8.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind N.E. or E., moderate, fresh locally; cloudy, showers of rain or sleet locally, visibility mainly fair; cold.	
17. N.W. Ireland	Same as 5 - 6	
18. N.E. Ireland	Same as 7 - 9.	
19. S.E. Ireland 20. S.W. Ireland	Same as 5 - 6.	

SYNOPTIC CHART FOR MORNING OF Sunday, 17th April, 1921



All times are G.M.T. Add one hour to get summer time.

EXPLANATION

BAROMETER. Isobars are drawn for intervals of two millibars.

WIND. Direction is shown by arrows flying with the wind. Force, on the scale 0–12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.

TEMPERATURE is given in ° F.

WEATHER SYMBOLS. ○ clear sky, ◐ sky ¼ clouded; ◑ sky ½ clouded; ◕ sky ¾ clouded; ● overcast sky, ● rain falling; ✱ snow; ✱ sleet; ▲ hail; ≡ fog; ≡ mist; T thunder; K thunderstorm.

SEA DISTURBANCE. Rough. High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (pp. 1 & 4).

0. Dense fog.	Objects not visible at	50 metres	or	55 yards	
1. Rather thick fog	"	200	"	220	"
2. Very bad	"	500	"	550	"
3. Very poor	"	1,000	"	1,100	"
4. Poor	"	2,000	"	1·2 miles	
5. Indifferent	"	4,000	"	2·5	"
6. Fair	"	7,000	"	4·3	"
7. Good	"	12,000	"	7·5	"
8. Very good	"	30,000	"	18·6	"
9.	Objects visible at 30,000 or beyond.				

H.M. Stationery Office Press, Kingsway, W.C.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. SUNDAY 17th APRIL 1921. No. 107.

Observations at 0100 G.M.T. 17

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	997.2	0	-	0	bc-	32	75	8	-	-	-	-	-	0
Stornoway	991.3	-3	SE	6	PR-	-	-	-	-	-	-	-	-	-
Wick	994.9	-3	ESE	4	co	40	97	8	1000	Sr	3	A Sr	8	-
Castlebay	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nairn	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malin Head	985.9	0	WSW	3	pr	43	92	8	5750	Sr Cu	4	A Cu	6	-
Renfrew	991.0	-7	SE	4	co/s	38	92	7	1500	Sr	10	-	10	-
Leith	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Eskdalemuir	993.0	-5	S	4	15 15	32	97	5	2500	Nb	10	-	10	-
Tynemouth	996.5	-4	W	3	co+	39	75	7	-	-	-	A Sr	7	-
Blacksod Point ...	993.4	-4	NW	3	bo/r	42	75	7	5750	Sr Cu	7	-	7	-
Donaghadee	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birr Castle	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Baldonnell	992.7	-7	WSW	3	bo/r	48	92	7	1000	Sr	2	A Cu	5	-
Holyhead	992.2	-4	W	5	co/r	-	-	8	4000	Cu Nb	7	-	7	-
Liverpool (Bidston) ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manchester (Alex.Pk.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Howden	998.1	-8	SSE	3	co+	34	85	6	2500	Sr	5	A Sr	9	-
Spurn Head	999.1	-5	S	3	bc⊕	38	85	8	2500	Sr	2	-	2	-
Nottingham	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cranwell	1000.4	-6	S	4	co	33	92	7	4000	Cu	1	Ci Sr	10	-
Gorleston	1004.7	-4	SW	3	bc⊕	34	97	8	-	-	-	-	-	-
Pulham	1005.2	-5	S	1	co⊕	35	92	5	1500	Sr	5	A Sr	8	-
Felixstowe	1005.5	-6	S	3	co	40	75	8	-	-	-	Ci Sr	10	-
Valencia (Cahirciveen)	1000.3	-2	WNW	5	R	43	-	-	-	-	-	-	-	-
Roches Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pembroke (St. Ann's H.)	995.6	-7	W	6	PR	44	85	9	4000	Nb	10	-	10	-
Ross-on-Wye	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benson	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S. Farnborough ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London	1002.9	-9	-	-	-	-	-	-	-	-	-	-	-	-
Croydon	1003.2	-9	SSE	2	co	36	92	8	2500	Sr Cu	2	Ci	9	-
Clacton-on-Sea ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shoeburyness	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grain	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lympne ...	1004.3	-6	-	0	bc-	37	92	6	-	-	-	-	-	-
Scilly (St. Mary's) ...	1000.4	-8	W	6	pr	47	92	8	4000	Cu Nb	6	-	6	-
Falmouth	999.2	-8	W	4	pr	45	85	7	-	Nb	6	-	6	-
Plymouth	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Portland Bill	1000.0	-3	WSW	3	bc	41	85	8	1500	Cu	6	-	6	-
Calshot	1002.2	-10	SW	5	pr	44	65	8	2500	Sr Cu	6	A Sr	10	-
Dungeness	1004.8	-4	SW	3	co+	42	97	9	-	-	-	A Sr	5	-
Jersey (Guernsey Th.)	1003.7	-10	SW	5	r+	41	75	4	4000	Nb	10	-	10	-

Observations at 0700 G.M.T. 17

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1001.2	+2	-	0	bc-	37	75	8	-	-	-	A Cu	3	0
Stornoway	996.2	+7	E	5	co-	41	85	7	4000	Cu	8	-	8	1
Wick	996.6	+3	NE	4	co-	40	92	8	4000	Cu Nb	7	-	7	4
Castlebay	993.4	+4	NE	3	co/r	41	92	6	1500	Sr	6	-	6	3
Nairn	994.9	-	ENE	1	bc	38	-	-	-	-	-	-	-	1
Aberdeen	996.2	+1	SSE	3	co	41	85	7	2000	Nb	7	A Sr	10	0
Malin Head	991.4	+2	W	2	co/r	41	85	8	2500	Cu	6	-	6	1
Renfrew	992.7	+3	NE	3	r. r.	36	92	6	1500	Sr	10	-	10	-
Leith	990.2	+2	SE	2	co/r	38	92	7	1500	Sr	10	-	10	-
Eskdalemuir	993.0	+2	SE	1	S-	34	97	4	1500	Nb	10	-	10	7
Tynemouth	994.0	+1	SW	4	co+	37	85	7	2500	Sr	10	-	7	3
Blacksod Point ...	993.9	+4	NW	3	co	43	85	7	4000	Sr Cu	7	-	8	0
Donaghadee	993.1	+2	W	2	co-	37	92	8	4000	Cu	3	Ci Cu	7	-
Birr Castle	993.4	-	W	2	PR	38	92	7	4000	Nb	9	-	10	-
Baldonnell	993.1	0	WSW	3	r.	38	75	8	450	Sr	10	-	8	2
Holyhead	991.9	0	NW	3	co	43	85	8	1500	Nb	8	-	10	3
Liverpool (Bidston) ...	991.9	+1	SSE	1	co/r	35	92	9	1500	Sr	10	-	10	-
Manchester (Alex.Pk.)	992.8	+2	SSE	3	15 15	34	97	4	1500	Sr	10	-	-	-
Howden	994.5	+2	SSE	6	r-	35	97	6	800	Nb	10	-	10	1
Spurn Head	995.7	+4	S	5	co+	41	85	6	5750	Sr Cu	8	-	8	-
Nottingham	995.5	-	SSE	3	r. +	36	97	5	4000	Nb	8	Ci Sr	10	-
Cranwell	995.1	+4	SE	6	SS	33	97	4	450	Nb	10	-	10	-
Gorleston	998.6	+5	S	6	co-	45	92	8	5750	Cu	6	-	6	6
Pulham	999.3	+6	SE	5	pl.	41	92	6	800	Nb	10	-	10	-
Felixstowe	999.1	+6	SSE	6	co	43	75	8	1500	Nb	5	A Sr	10	3
Valencia (Cahirciveen)	997.0	+1	WNW	5	co	46	75	8	2500	Cu	7	-	8	6
Roches Point	997.1	+1	W	4	PR	42	92	8	1000	Cu Nb	8	-	8	3
Pembroke (St. Ann's H.)	994.2	+1	NW	4	cov	43	85	9	5750	Cu Nb	5	-	5	6
Ross-on-Wye	992.5	+3	NW	2	co/r	39	92	9	4000	Cu Nb	4	A Cu	6	..
Benson	992.3	+5	SE	3	r. r.	36	97	5	-	Sr	10	-	10	-
S. Farnborough ...	993.0	+9	SE	5	r. r.	37	97	6	800	Nb	10	-	10	-
London	993.7	+6	SSE	2	dd	38	85	7	1500	Nb	10	-	10	-
Croydon	994.8	+8	SSE	5	r S-	35	97	8	800	Sr	10	-	10	2
Clacton-on-Sea ...	997.1	+4	SSE	6	co+	44	75	7	800	Sr	10	-	10	-
Shoeburyness	996.0	+3	SW	3	r. r.	37	85	6	800	Sr	10	-	10	3
Grain	996.9	+3	S	6	r. r.	37	92	6	800	Nb	10	-	10	-
Lympne ...	997.3	+5	SSW	4	r S	35	97	6	800	Nb	10	-	5	7
Scilly (St. Mary's) ...	998.1	+1	WNW	6	pr	46	85	8	4000	Cu	5	-	3	-
Falmouth	996.7	+1	NW	6	bc	44	75	8	-	Cu	3	-	4	6
Plymouth	995.8	0	NW	4	pr	43	85	8	1500	Nb	4	-	4	-
Portland Bill	994.6	+3	SW	6	bc/r	43	92	8	1500	Sr	4	-	10	6
Calshot	995.5	+7	W	3	d	43	92	8	4000	Sr Cu	10	-	10	6
Dungeness	996.6	+7	SW	6	pr	39	97	6	450	Sr	10	-	9	3
Jersey (Guernsey Th.)	995.8	+2	W	6	co/r	45	75	8	4000	Nb	9	-		

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 16th April

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 15-16 mm.	Rainfall.† Day 9h.-18h. 16 mm.	Sunshine. Sunrise to 17h. 16 hr.	Sunshine. Sunrise to Sunset. 15 hr.
Banff	bc	bccsc	40	30	2	-	5.7	5.2
Montrose	b	bcs	42	26	-	-	5.6	5.8
Llandudno	c	cpc	45	35	-	1	2.9	10.2
Colwyn Bay ...	bcb	bbcb	?	35	-	-	4.9	?
Rhyl	b. dc	dcbw	46	41	2	0.2	4.5	9.4
Southport	bccbc	bccop	46	40	-	1	10.0	10.5
Blackpool	bcp	bo	46	32	-	0.2	10.0	10.4
Harrogate	bcp	bc	46	26	-	-	10.1	6.2
Skegness	b	bob	45	31	8	-	10.1	9.2
Aberystwyth ...	rcb	cco	45	35	1	-	3.5	6.0
Bath	b	bcco	47	30	0.3	-	6.5	8.6
Leamington Spa ...	cs	cs	46	29	0.1	0.2	8.0	7.9
Lowestoft	cpsbc	bcw	44	32	6	-	5.2	11.1
Felixstowe	bc	bc	47	33	2	-	9.3	11.5
Southend	scbcb	bbc	48	31	2	-	10.2	9.2
Ilfracombe ...	bcb	b	56	36	-	-	9.9	5.4 8.5
Bude ...	rsbc	b	47	34	-	-	9.2	4.4
Penzance	bc	bcc	49	37	1	-	8.3	9.2
Torquay	b	bbcby	52	34	-	-	10.8	9.6
Weymouth	bc	bc	53	32	0.4	-	10.8	11.0
Bournemouth ...	-	-	49	31	-	-	9.5	9.6
Portsmouth (S'thsea)	-	-	48	32	1	-	10.0	10.0
Worthing	bbc	bcc	49	32	-	-	9.8	8.8
Brighton	bc	bcc	49	32	0.3	-	11.3	8.2
Eastbourne ...	bbc	bc	49	33	1	-	10.5	7.9
Hastings	osbbc	cbco	47	32	2	-	9.9	7.0
Folkestone	bc	bc	50	31	-	-	8.2	6.7
Tunbridge Wells ...	bbc	bbc	47	29	2	-	10.5	8.8
Ramsgate	-	-	42	30	2	-	9.0	5.5
Margate	cbcb	bbcc	44	32	1	-	7.7	

‡ Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 8. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.21,697. MONDAY 18 April 1921.

Observations at 1300 G.M.T. 17th April

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1001.3	+2	S	3	bc/s	42	93	8	7200	Cu	5	-	5	*
Stornoway	1003.1	+6	NE	5	bc	45	95	8	4000	Cu	4	-	4	*
Wick	1001.4	+5	NE	3	co	43	85	8	5750	Sc Cu	5	A Sc	8	*
Castlebay	1000.6	+6	NNE	4	co	44	75	8	2500	Sc	4	-	6	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1001.4	+5	SE	3	co	45	85	8	2500	Nb	10	-	10	*
Malin Head	998.0	+4	NNE	3	co/r	45	94	8	4000	Cu	6	-	6	*
Renfrew	998.0	+5	NE	3	co	42	95	4	2500	Sc Cu	10	-	10	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	994.0	+5	ESE	3	co-	41	95	4	2500	Sc Cu	9	-	9	*
Tynemouth	998.0	+4	SE	4	pr	44	85	8	2500	Sc Cu	9	-	9	*
Blackrod Point	999.3	+6	N	4	pr	50	95	4	4000	Cu Nb	5	-	5	*
Donaghadee	994.0	+4	NE	3	co/r	45	95	8	5750	Cu Nb	8	-	8	*
Parr Castle	997.3	*	NW	2	co-	49	75	7	2500	Cu	4	Ci Cu	7	*
Baldonnell	996.6	+4	N	2	co-	48	65	9	5750	Cu	6	-	6	*
Holyhead	995.5	+4	NW	5	co	48	85	8	4000	Cu	3	Ci	4	*
Liverpool (Bidston)	994.3	+3	NNE	1	co/r	42	85	4	1500	Cu Nb	10	-	10	*
Manchester (Alex.Pk.)	994.9	+3	ESE	3	$d_0 d_0$	40	85	6	1500	Sc	10	-	10	*
Howden	996.3	+1	SE	5	co/r	42	85	4	800	Sc	10	-	10	*
Spurn Head	996.1	+1	S	3	co	45	92	4	7200	Cu	4	Ci Cu	8	*
Nottingham	994.5	*	SE	3	$r_0 r_0$	39	92	6	4000	Nb	8	Ci Sc	10	*
Cranwell	995.3	0	ESE	5	co/r	40	92	7	800	Nb	7	-	10	*
Gorleston	994.8	0	S	5	co/r	43	95	8	5750	Cu	2	Ci Sc	9	*
Pulham	995.9	-1	SE	5	or	38	92	7	4000	Sc Cu	7	-	10	*
Felixstowe	996.9	-2	SE	6		40	92	8	1500	Nb	10	-	10	*
Valencia (Cahirciveen)	1002.0	+5	NNW	6	pr	48	95	8	2500	Sc Cu	10	-	10	*
Roches Point	998.1	+1	NNW	4	pr	50	95	9	2500	Cu Nb	5	-	5	*
Pembroke (St. Ann's H.)	995.4	+1	NW	3	co-	47	85	9	4000	Cu	2	A Cu	6	*
Ross-on-Wye	993.0	+1	NNW	2	pr	49	65	9	4000	Cu	8	-	8	*
Benson	992.4	0	NW	2	bc	44	75	7	-	Cu	5	-	5	*
S. Farnborough	991.9	+1	WNW	3	co+	48	65	8	2500	Nb	10	-	10	*
London	993.0	+1	ESE	2	fog	39	85	4	1500	Nb	8	A Sc	10	*
Croydon	993.0	+2	NE	2	$r_0 r_0$	38	94	5	800	Nb	9	A Sc	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	993.4	-5	SSE	4	$d_0 d_0$	40	85	6	1500	Sc Cu	10	-	10	*
Grain	993.6	-2	SE	5	or	38	92	6	1500	Nb	10	-	10	*
Lympne	992.5	-4	SE	6	$r_0 r_0$	34	94	6	800	Nb	10	-	10	*
Scilly (St. Mary's)	998.4	+1	WNW	6	ph	45	95	8	4000	Cu Nb	4	-	4	*
Falmouth	994.3	+2	NW	6	ra	44	92	4	-	Cu Nb	4	-	4	*
Plymouth	995.4	0	NW	4	pr	44	85	8	1500	Nb	5	A Sc	8	*
Portland Bill	994.6	+1	WSW	6	co	45	92	8	2500	Cu	4	-	4	*
Calshot	992.8	+1	N	5	bc/r	48	65	8	4000	Cu Nb	5	-	5	*
Dungeness	991.4	-4	SSW	6	fr-	40	94	8	-	-	-	Ci Sc	10	*
Jersey	996.1	0	NW	6	co/r	50	75	8	2500	Nb	9	-	9	*

Observations at 1800 G.M.T. 17th April

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1007.4	+2	SE	3	bc+	37	85	8	5750	Sc Cu	5	-	7	2
Stornoway	1007.9	+6	NE	4	bc-	43	65	8	4000	Cu	5	-	5	1
Wick	1005.9	+5	NNE	2	co	40	85	8	4000	Cu N	5	Ci Cu	8	3
Castlebay	1007.5	+8	N	4	bc	43	85	8	2500	Sc	2	Ci	5	3
Nairn	1006.0	*	NE	3	o	41	*	*	*	*	*	*	*	*
Aberdeen	1005.6	+5	WNW	2	$o_0 r_0$+	40	97	7	2500	Nb	10	-	10	0
Malin Head	1003.3	+8	NNE	3	co+	45	97	8	5750	Sc Cu	10	-	10	4
Renfrew	1003.7	+7	NE	2	co	43	75	6	2500	Sc	6	-	10	*
Leith	1003.1	*	ENE	4	co/r	42	92	6	2500	Sc	8	-	8	*
Eskdalemuir	1002.5	+6	NE	2	co-	41	85	8	2500	Sc Cu	5	A Cu	8	*
Tynemouth	1002.3	+6	SE	3	co+	44	75	8	4000	Cu Nb	8	-	8	1
Blackrod Point	1004.0	+5	N	4	bc+	48	75	7	-	-	-	A Sc	6	4
Donaghadee	1002.2	+5	NE	3	co	45	75	8	5750	Sc Cu	9	-	9	4
Parr Castle	1001.5	*	NW	1	co+	46	85	7	4000	Cu Nb	9	-	9	*
Baldonnell	1001.0	+5	N	2	co/fr	43	92	8	1500	Sc Cu	4	A Sc	7	*
Holyhead	999.7	+4	NE	5	co	44	85	8	1500	Nb	8	A Sc	10	4
Liverpool (Bidston)	999.4	+6	ENE	3	co	42	75	5	800	Nb	4	-	10	1
Manchester (Alex.Pk.)	1000.1	+8	E	4	co-	41	75	8	1500	Sc Cu	3	A Sc	10	*
Howden	1000.8	+6	E	2	bc-	43	75	8	4000	Cu	4	Ci Sc	6	*
Spurn Head	1000.6	+4	E	4	co	44	85	8	5750	Cu	7	-	7	1
Nottingham	999.4	*	E	3	co/r	40	92	5	4000	Nb	7	Ci Sc	10	*
Cranwell	999.8	+6	NE	2	co	40	85	7	800	Nb	5	-	10	*
Gorleston	998.4	+1	SE	3	co	43	75	7	7250	Sc Cu	8	-	9	3
Pulham	998.2	+3	E	2	co/r	40	92	6	2500	Nb	3	A Sc	10	*
Felixstowe	998.2	+2	E	6	$o_0 r_0$	41	85	7	1500	Nb	6	A Sc	10	6
Valencia (Cahirciveen)	1006.9	+6	NNW	6	co+	49	75	8	2500	Sc Cu	9	-	9	6
Roches Point	1002.7	+4	N	3	opr	47	85	9	1500	Cu Nb	8	Ci	9	0
Pembroke (St. Ann's H.)	999.6	+3	NW	3	bc-	46	75	9	-	-	-	A Cu	3	4
Ross-on-Wye	997.5	+4	NNE	3	opr	40	85	8	2500	Nb	10	-	10	*
Benson	995.5	+3	SSE	2	bc+	39	92	3	-	Sc	10	-	10	*
S. Farnborough	994.9	+4	NNE	2	fo+	39	92	3	450	Sc	10	-	10	*
London	995.5	+3	NE	3	co/r	40	85	4	1500	Nb	8	A Sc	10	*
Croydon	995.3	+3	NE	3	co/r	39	97	6	800	Sc	7	A Cu	10	*
Clacton-on-Sea	995.7	+2	ESE	5	opr	42	85	6	800	Nb	10	-	10	5
Shoeburyness	995.4	+3	SSE	5	od d	40	75	6	1500	Nb	4	-	10	*
Grain	995.5	+2	ESE	4	$o_0 r_0$	40	92	6	1500	Sc Cu	7	-	10	3
Lympne	994.0	+2	E	3	or	35	97	7	800	Nb	8	A Sc	10	*
Scilly (St. Mary's)	1000.7	+3	NNW	6	bc-	47	85	8	4000	Cu	3	-	4	7
Falmouth	999.6	+3	NNW	6	bc-	46	75	8	-	Cu	2	-	2	*
Plymouth	997.7	+4	NNW	4	bc	48	75	8	2500	Cu N	1	-	3	*
Portland Bill	995.5	+1	WSW	4	bc/r	46	92	8	1500	Cu N	4	-	4	4
Calshot	994.6	+4	NW	4	co/r	44	75	7	5750	Cu N	9	-	9	0
Dungeness	992.5	+2	ESE	2	opr	49	97	8	450	Sc	10	-	10	4
Jersey	996.3	0	NW	5	bc/r	45	85	8	2500	Sc Cu	2	-	2	3

London Observations	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 Hours ended 0900 G.M.T. 18th							Yesterday.		To-day.
Kew } 24 hours ended 0700	Tor δ	Tor δ	Tor δ	*	*	34	2	0.0	*	*
Croydon } 24 hours ended 0700	S (TS)	Tor δ	Tor δ	*	*	35	7	*	*	*
Greenwich (Royal Obsy.)	or	or	c	46	35	32	9	0.0	93	69
City (Bushill Row)	*	*	*	*	*	-	*	0.0	*	*
Westminster (St. James' Pk.)	*	*	*					0.0		
Regents Pk. (Botanical Gdns.)	*	*	*	*	*	*	*	0.0	*	*
Camden Sq. (Brit. Rainfall)	?	?	*	47	35	29	9	*	?	70
Kensington Palace	or S.	or	*	40	?	32	8	*	92 (18h)	67
Hampstead Observatory	*	*	*	44	33	31	7	0.0	*	69

Atmospheric Pollution. Lbs. of Solid impurity per million cubic yards.

24 Hr. ended 1800 G.M.T.

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.

Solar Radiation. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total 240 joules

Average Rate 4.8 Milliwatts.

Maximum Rate 16 Milliwatts.

Pole Star Record at Greenwich Obsy.

Exposure from 20 h. 15 m. to 3 h. 45 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	7.30	1.15	17
δ Ursae Minoris	7.30	1.16	17

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.

18 & 19 Apr 1921.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.51	11.52	6.53
	4.49	11.52	6.54
Greenwich	5.1	11.59	6.58
	4.59	11.59	6.59
Wick	4.35	12.11	7.28
	4.32	12.11	7.30
Valencia	5.41	12.40	7.40
	5.39	12.40	7.41

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, *i.e.*, rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
$r_0 r_0$ = continuous light rain.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Sea Disturbance.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

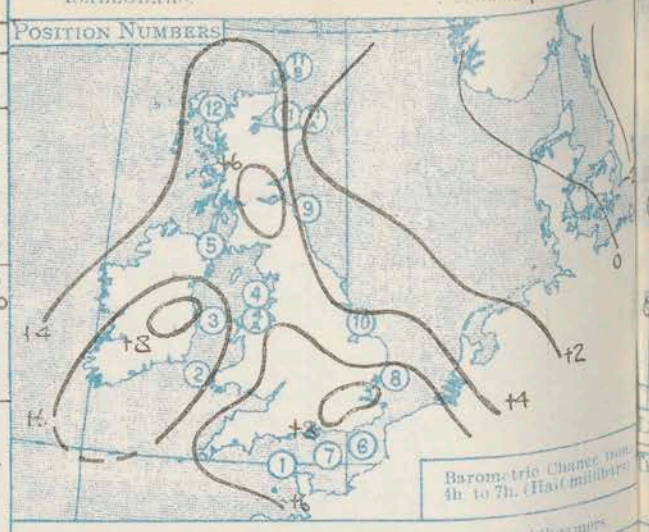
* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h.	13h.-18h.	18h.-1h. to 1h.	1h.-7h.	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL. Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	SUN. Hours.
Lerwick	s(rs)	b or bc	b or bc	S or RS	42	36	•	–	1	1.30	•
Stornoway	c	c	b or bc	c	46	34	•	–	1	–	7.6
Wick	c	c	c	p	44	32	•	–	0.1	5.30	•
Castlebay	c	c	r or s		45	37	•	0.1	2	–	8.3
Nairn	bc	c.g.	o.	c.g/g	46	36	•	trace		–	0.6
Aberdeen	p	r or d	S or RS		45	34	32	3	14	0900 –	0.0
Malin Head	c	p	c	p	47	40	•	0.4	1	1430 –	6.6
Renfrew	o	oo	r or s	r or s	44	33	25	trace	3	2.30	0.0
Leith	r or s	r or s	S or RS		45	33	32	1	7	–	✱
Eskdalemuir	s(rs)	c	c	S or RS	43	30	25	–	2	5.30	1.1
Tynemouth	p	c	b or bc	c	47	35	•	1	–	–	✱
Blacksod Point ...	p	b or bc	p	c	51	40	•	?	0.3	1230	•
Donaghadee	p	p	r or s		49	36	•	0.2	0.3	1100 2.30	•
Birr Castle	p	p	p		53	35	33	0.4	0.3	–	5.4
Baldonnell	c	t/r	r or s	r or d	51	37	34	3	0.4	–	4.7
Holyhead	c	p	c	c	49	39	29	0.1	–	1430 –	7.6
Liverpool (Bidston) ...	r or d	oo	b or bc		44	35	30	1	–	–	0.0
Manchester (Alex.Pk.)	r or d	oo	c		44	34	26	4	–	–	•
Howden	r or d	c	oo	c	47	29	21	1	–	1430 –	1.3
Spurn Head	p	c	c	b or bc	44	38	38	1	–	–	•
Nottingham	r or d	r or d	c		41	35	30	2	–	–	0.1
Cranwell	s(r)	r or d	b or bc	b or bc	41	32	26	5	–	1330 –	0.0
Gorleston	r or d	oo	oo	r or s	47	39	38	0.2	0.3	0530.	3.5
Pulham	p	r or d	b or bc	c	43	34	25	1	0.2	1330 –	0.2
Felixstowe	r or d	r or d	r or s	c	44	35	✱	1	1	0900 630	0.0
Valencia (Cahirciveen)	p	p	p	c	47	43	44	3	0.4	–	3.5
Roches Point	p	p	c		52	40	•	2	trace	–	•
Pembroke (St.Ann's H.)	c	c	c	c	48	38	•	3	0.6	–	9.1
Ross-on-Wye	p	p	c		53	33	26	1	trace	1630 –	6.1
Benson...	b or bc	c	b or bc		46	33	30	0.6	0.3	–	•
S. Farnborough ...	c	r or d	c		50	37	33	trace	1	0900 2400	1.6
London	r or d	r or d	r or s		41	38	34	2	0.4	1100 2200	0.0
Croydon	s(rs)	r or d	r or s	c	39	37	35	4	3	–	•
Clacton-on-Sea ...	p	p	r or s	r or s	44	40	38	1	0.6	–	0.0
Shoeburyness	r or d	r or d	b or bc		41	39	34	3	0.4	1530	0.0
Grain	r or d	r or d	r or s		41	39	35	3	0.4	–	0.0
Lympne	r or d	r or d	r or d	b or bc	37	36	31	8	5	–	0.0
Scilly (St. Mary's) ...	h(hr)	h(r)	b or bc	p	50	40	•	8	0.2	4.30	7.2
Falmouth	s(rs)	b or bc	c	b or bc	51	39	37	3	1	1230. 130	9.8
Plymouth	p	b or bc	b or bc		48	40	36	1	–	–	8.9
Portland Bill	b or bc	p	c	b or bc	48	39	•	2	–	–	•
Calshot	h(hr)	t/r	r or s	c	51	39	36	trace	0.6	1100 –	5.8
Dungeness	p	r or d	r or s	p	41	38	•	6	1	3.30	✱
Jersey	r or d	p	c	r or s	51	40	•	1	2	0900 330	6.3

ISALLOBARS. 18th April 1921.

POSITION NUMBERS



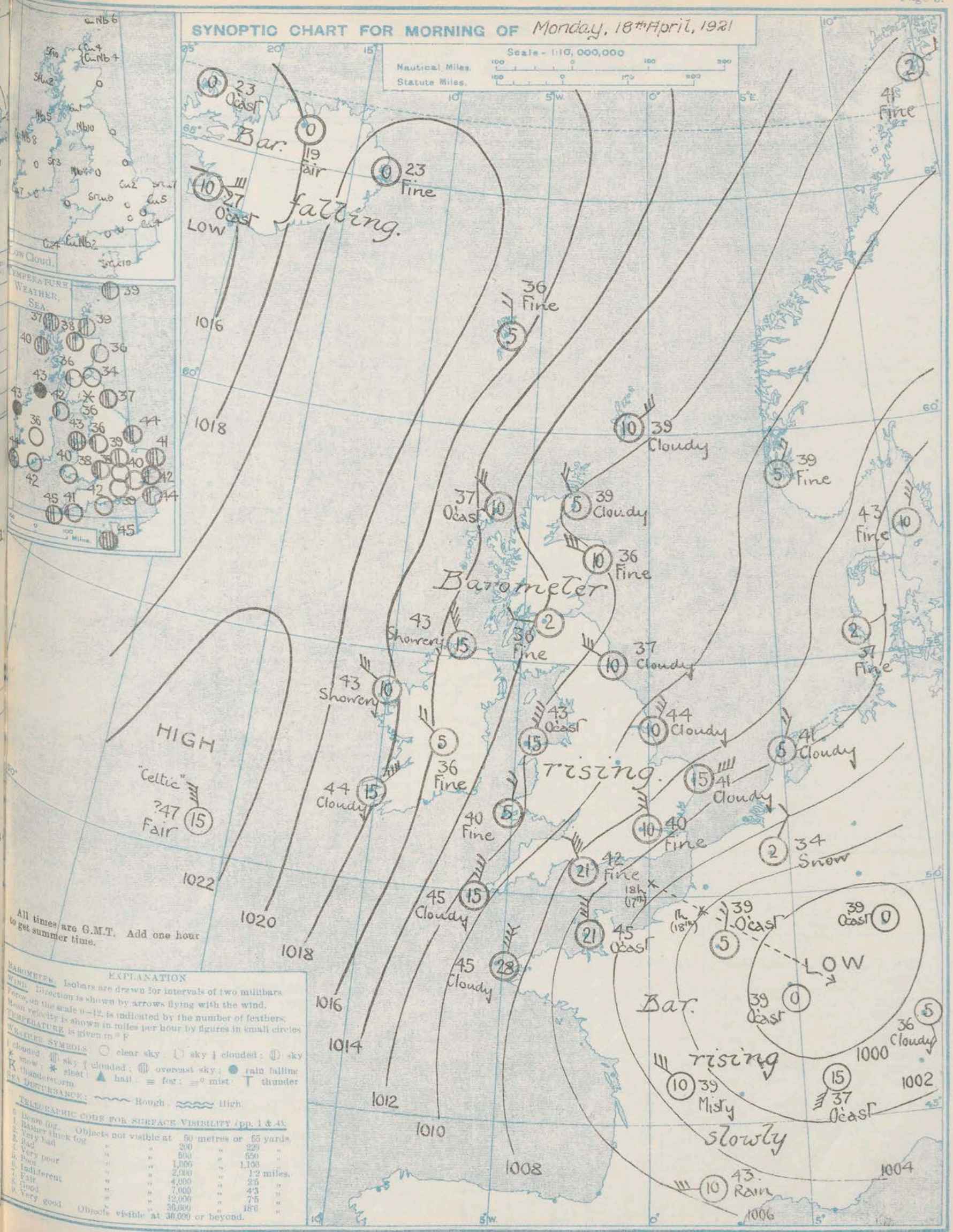
Temperature reported from Cross Channel and Coastal Steamers

Position Number															
Date															
Time G.M.T.															
Sea ° F															
Air ° F															

GENERAL INFERENCE.

Barometric pressure continues highest to the westward of the British Isles and lowest in a depression over France. The wind will therefore continue from some Northerly point. Local irregularities in pressure are likely to cause further wintry showers and the temperature will remain low. Frost will occur in many places at night.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday 18th April 1921	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Wind between N. & N.E., moderate or light; fresh locally; variable sky, some showers of rain, hail, or snow in places; visibility mainly good. Temperature low; frost locally at night.	Continuing cold with winds between N. & NW and local showers.
9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Wind N., backing to NW. later, light or moderate; variable sky, some showers of hail or snow; visibility fair or good; cold; frost at night.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind N. backing to NW, light, then increasing; mainly cloudy, showers of hail, sleet or snow; visibility fair. Temperature low.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind N. to NW, light or moderate; variable sky, some showers of rain or hail. visibility fair to good. Cold; frost inland at night.	


SYNOPTIC CHART FOR MORNING OF Monday, 18th April, 1921
Scale - 1:10,000,000
Nautical Miles.
Statute Miles.
Low Cloud.
Temperature
Weather.
Sea.
Bar. falling.
LOW
HIGH
"Celtic"
?47 Fair
Barometer rising.
Bar. rising slowly
LOW
All times are G.M.T. Add one hour to get summer time.
EXPLANATION
BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind. Force, on the scale 0—12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.
TEMPERATURE is given in ° F.
WEATHER SYMBOLS: clear sky; sky ¼ clouded; sky ½ clouded; sky ¾ clouded; overcast sky; rain falling; snow; sleet; hail; fog; mist; thunder; thunderstorm.
SEA DISTURBANCE: Rough; High.
TELEGRAPHIC CODE FOR SURFACE VISIBILITY (pp. 1 & 4).
0 Dense fog. Objects not visible at 50 metres or 55 yards.
1 Rather thick fog " " 200 " 220 "
2 Very bad " " 500 " 550 "
3 Bad " " 1,000 " 1,100 "
4 Very poor " " 2,000 " 1·2 miles.
5 Poor " " 4,000 " 2·5 "
6 Indifferent " " 7,000 " 4·3 "
7 Fair " " 12,000 " 7·5 "
8 Good " " 20,000 " 18·2 "
9 Very good. Objects visible at 30,000 or beyond.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Monday.....18th.....April.....1921. No. 108...

Observations at 0100 G.M.T.....18th.....Apl.

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1009·2	+2	SE	3	bc-	38	85	6	-	Cu	2	aCu	3	*
Stornoway	1012·5	+5	N	2	bc-	?	*	*	?	?	?	?	?	*
Wick	1009·2	+2	NW	2	bc-	35	97	9	4000	Cu	2	aCu	4	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1010·8	+8	ENE	5	co-	44	85	7	2500	Cu	5	-	5	*
Renfrew	1010·2	+5	-	0	rr	38	92	5	1500	St	10	-	10	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1009·7	+4	NNW	1	bc-	33	85	6	-	-	-	aCu	4	*
Tynemouth	1008·6	+3	ESE	2	bc	41	65	8	-	-	-	-	-	*
Blacksod Point ...	1013·4	+6	N	5	pho	45	75	7	7250	CuNb	4	-	4	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1009·3	+7	N	4	rr	42	92	5	800	StCu	10	-	10	*
Holyhead	1008·1	+5	NE	4	bc-	*	*	8	-	-	-	-	-	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	1006·5	+4	-	0	co	36	92	7	2500	StCu	6	-	10	*
Spurn Head	1005·5	+4	ENE	4	bc-	42	65	8	2500	StCu	2	-	2	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1006·0	+6	N	3	bc-	33	92	8	-	-	-	-	-	*
Gorleston	1003·3	+4	E	6	co-	44	75	8	-	Nb	6	-	6	*
Pulham	1003·0	+3	NE	1	bc	36	85	7	-	-	-	-	-	*
Felixstowe	1003·0	+5	ENE	5	bc/r	44	75	8	7250	StCu	6	-	6	*
Valencia (Cahirciveen)	1013·4	+9	N	7	co	45	*	*	*	*	*	*	*	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1006·2	+5	NE	2	co-	41	85	7	-	-	-	-	7	*
Ross-on-Wye	*	*	?	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London	1006·8	+5	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1001·0	+6	NNE	5	co/r	38	97	7	800	StCu	7	aCu	9	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	999·1	+6	E	5	rr	38	97	7	800	Nb	10	-	10	*
Scilly (St. Mary's) ...	1005·6	+3	N	5	bc	46	92	8	4000	Cu	2	aCu	5	*
Falmouth	1004·3	+3	N	5	pr	42	85	8	-	Nb	2	aCu	9	*
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	999·9	+3	N	4	co+	42	92	8	1500	StCu	7	-	7	*
Calshot	1000·6	+4	NNE	4	co/r	41	85	8	2500	St	10	-	10	*
Dungeness	997·9	+5	ENE	5	co/r	40	97	8	-	-	-	-	8	*
Jersey (Guernsey Ih.)	1000·9	+4	N	4	H(R)	44	75	7	5750	CuNb	8	-	8	*

Observations at 0700 G.M.T.....18th.....Apl.

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1013·4	+3	NE	3	bc/s	39	75	7	4000	CuNb	6	-	6	2
Stornoway	1015·6	+5	NW	3	co+	37	85	6	450	St	10	-	10	0
Wick	1011·8	+4	NNW	2	co/r	39	92	9	4000	Cu	4	-	8	0
Castlebay	1016·3	+3	N	3	bc/r	40	85	8	4150	StCu	2	-	2	3
Nairn	1012·8	*	NE	1	cg	38	*	*	*	*	*	*	*	2
Aberdeen	1012·4	+2	WNW	3	bc/s	36	85	8	-	-	-	Ci	2	0
Malin Head	1015·3	+4	NNW	4	pr	43	92	8	4000	Nb	5	aCu	8	4
Renfrew	1013·9	+3	W	1	bc+	36	92	6	4000	Cu	1	aCu	2	*
Leith	1013·6	+7	S	1	co/s	34	97	4	800	St	10	-	10	3
Eskdalemuir	1013·2	+5	NNE	1	ss	33	97	4	1500	Nb	10	-	10	*
Tynemouth	1011·4	+3	NW	3	co	37	88	5	-	-	-	aSt	7	1
Blacksod Point ...	1018·3	+5	NW	3	pr	43	85	7	4000	CuNb	8	-	8	2
Donaghadee	1014·0	+4	N	4	bc/r	42	65	8	5750	CuNb	1	-	1	6
Birr Castle	1015·8	*	NW	2	bc-	36	95	8	-	-	-	-	-	*
Baldonnell	1014·8	+8	N	2	bc-	40	85	8	1500	St	3	aSt	6	*
Holyhead	1012·0	+4	NE	4	co	43	85	8	1500	Nb	8	Ci	9	1
Liverpool (Bidston) ...	1011·4	+6	NE	1	bc+	36	75	4	-	-	-	Ci	4	0
Manchester (Alex.Pk.)	1011·1	+6	NNW	1	fo-	36	85	2	-	-	-	Ci	7	*
Howden	1010·7	+4	N	1	co-	34	85	7	4000	St	3	Ci:St	7	1
Spurn Head	1009·9	+4	NE	3	co	44	92	8	5750	Cu	5	CiCu	3	*
Nottingham	1010·1	*	N	2	bc-	39	85	4	4000	Cu	3	Ci	5	*
Cranwell	1010·3	+4	N	4	co+	38	92	6	4000	Cu	2	Ci	7	*
Gorleston	1007·6	+5	E	4	co/r	41	75	6	5750	StCu	7	-	7	4
Pulham	1007·7	+3	NE	3	co	40	85	7	5750	StCu	6	aCu	9	*
Felixstowe	1008·5	+7	N	3	H(R)	39	85	8	4000	Nb	6	-	10	3
Valencia (Cahirciveen)	1018·6	+7	NE	4	co-	44	75	9	2500	Cu	7	-	7	3
Roches Point	1016·0	+7	N	4	bc-	42	85	9	-	-	-	-	-	0
Pembroke (St. Ann's H.)	1012·2	+5	NNE	2	bc-	40	85	8	-	-	-	-	-	3
Ross-on-Wye	1010·6	+6	NW	1	co-	38	85	6	5750	StCu	6	aCu	7	*
Benson...	1008·8	+7	NNE	2	bc	38	92	5	4150	St	10	-	10	*
S. Farnborough ...	1007·8	+8	NNE	3	bc-	39	85	8	-	-	-	Ci	1	*
London	1007·6	+8	N	3	bc/r	40	75	6	-	-	-	aSt	3	*
Croydon	1007·2	+6	NNE	3	bc-	40	85	5	-	-	-	Ci	4	*
Clacton-on-Sea ...	1006·8	+8	N	3	bc/r	42	75	7	2500	Cu	5	-	5	2
Shoeburyness	1007·0	+8	NE	3	bc	42	75	7	2500	St	2	aCu	3	*
Grain	1006·9	+8	NE	5	bc-	45	65	7	4000	StCu	3	aCu	5	3
Lympne	1005·2	+7	NNE	4	co+	40	75	7	2500	Cu	4	Ci	7	*
Scilly (St. Mary's) ...	1010·6	+6	NNE	4	co-	45	85	7	4000	Cu	4	aCu	7	6
Falmouth	1010·2	+6	N	4	bc	41	85	7	-	CuNb	2	-	2	*
Plymouth	1009·9	+7	NNE	3	bc	42	75	8	4000	StCu	3	-	3	0
Portland Bill	1006·1	+6	NNW	5	bc-	42	92	8	-	-	-	-	-	3
Calshot	1007·3	+6	NE	4	bc-	41	75	8	-	-	-	aCu	1	0
Dungeness	1008·0	+6	E	5	bc-	44	97	8	5750	Cu	5	-	5	5
Jersey (Guernsey Ih.)	1003·4	?	N	5	co/r	45	75	8	2500	StCu	10	-	10	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR.....17th April 1921

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 16th mm.	Rainfall.† Day 9h.-18h. 17th mm.	Sunshine. Sunrise to 17h. 17th hr.	Sunshine. Sunrise to Sunset. 16th hr.
Banff	oc	or	47	35	-	1	0.6	5.7
Montrose								
Llandudno	roc	cbc	47	36	2	2	3.5	2.9
Colwyn Bay ...	bc	bco	46	36	5	-	0.0	4.9
Rhyl...	c	co	45	37	3	0.1	0.2	4.8
Southport	ococo	oco	45	34	6	-	0.7	10.0
Blackpool	oc	o	44	34	12	-	0.5	10.0
Harrogate	oscp	ocps	42	35	5	1	0.5	10.2
Skegness	roh	oco	45	37	1	1	0.8	10.8
Aberystwyth ...	rcc	c	47	36	9	1	5.0	3.5
Bath	ocbc	bcrht	49	37	7	4	3.3	6.5
Leamington Spa ...	ost	or	41	32	9	2	0.0	8.0
Lowestoft	o	o	46	32	-	-	0.0	5.2
Felixstowe	ogu	ou	42	37	-	1	0.0	9.3
Southend	ogr	or	40	36	1	4	0.0	10.8

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 16th mm.	Rainfall.† Day 9h.-18h. 17th mm.	Sunshine. Sunrise to 17h. 17th hr.	Sunshine. Sunrise to Sunset. 16th hr.
Ilfracombe ...	ocph	cp	49	40	5	2	6.9	9.9
Bude	p	b	49	41	6	6	4.3	9.2
Penzance	cph.bc	ogr.bc	51	43	6	3	7.0	8.3
Torquay	rphbc	prbc	51	41	10	1	7.3	11.0
Weymouth	c	cfpc	52	41	11	1	6.5	11.1
Bournemouth ...	bc	bcc	52	41	11	1	6.0	9.5
Portsmouth (S'thsea)	-	-	51	39	9	2	4.3	10.5
Worthing	oc	rcbc	51	37	10	0.3	4.5	9.8
Brighton	o	oc	50	38	8	-	3.9	11.3
Eastbourne ...	-	bc	49	37	4	9	3.8	10.3
Hastings	ors.r	orbco	46	36	6	6	1.0	10.0
Folkestone	or	or	46	36	3	9	0.0	8.2
Tunbridge Wells ...	osor	or	42	33	7	6	0.0	11.4
Ramsgate	-	-	43	31	-	1	0.0	9.0
Margate	o	or	40	36	1	0.3	0.0	7.7

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.21,698 Tuesday, 19th APRIL 1921.

Observations at 1800 G.M.T. 18th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-6
Lerwick	1015.2	+3	NE	2	bc-	44	85	8	7250	Cu	3	-	3	*
Stornoway	1019.8	+3	NNE	4	co	47	65	7	2500	Cu	7	-	7	*
Wick	1016.4	+8	NNE	4	bc-	43	92	8	5750	CuN	2	-	5	*
Castlebay	1020.4	+4	NNW	4	co+	45	75	8	2500	CuN	3	ASr	7	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1013.0	0	NW	4	o/r	40	97	8	2500	CuN	10	-	10	*
Malin Head	1019.0	+5	NNW	3	co-	45	92	8	-	-	-	ACu	6	*
Renfrew	1016.1	+2	NW	3	co	48	55	8	4000	Cu	8	-	8	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	*	*	N	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	1015.0	+1	~~NNE~~	4	co-	43	65	8	4000	SrCu	6	-	6	*
Blacksod Point	1015.1	+2	NNE	4	co	42	85	9	2500	Sr	3	ASr	10	*
Donaghadee	1021.0	+3	NW	4	co	48	65	7	2500	CuN	4	-	6	*
Birr Castle	1016.7	+2	N	3	bc-	47	65	9	4000	Cu	4	-	5	*
Baldonnell	1018.7	*	NW	2	co+	48	75	8	1500	Sr	8	-	8	*
Holyhead	1017.1	+1	NNW	3	co/r	47	68	8	2500	SrCu	7	-	7	*
Liverpool (Bidston)	1015.6	+4	N	5	bc	47	85	8	2500	Cu	5	-	5	*
Manchester (Alex. Pk.)	1014.6	+3	NW	2	co-	44	65	7	5750	CuN	4	-	7	*
Howden	1013.2	+2	NE	2	co	48	65	5	2500	Cu	2	ASr	9	*
Spurn Head	1013.1	+2	NE	1	co	43	85	8	4000	SrCu	6	ASr	9	*
Nottingham	1012.5	+2	NE	3	bc-	48	55	9	-	-	-	ACu	3	*
Cranwell	1013.1	*	NE	2	co+	48	65	6	4000	CuN	5	-	8	*
Gorleston	1013.1	+2	NNE	4	co	48	65	8	2500	Cu	8	CiSr	9	*
Pulham	1011.2	+4	NE	4	bc-	46	65	8	5750	Cu	5	-	8	*
Felixstowe	1011.2	+3	NE	4	co	50	68	8	4000	Cu	7	-	7	*
Valencia (Cahirciveen)	1022.2	+3	N	4	bc+	50	65	9	4000	Cu	5	-	5	*
Rochas Point	1019.5	+2	N	4	bc	51	65	9	2500	Cu	5	-	5	*
Pembroke (St. Ann's H.)	1016.0	+3	NNE	2	od	43	92	7	4000	Nb	5	-	9	*
Ross-on-Wye	1013.2	+3	NNE	3	co	46	68	7	4000	Cu	8	Cu	9	*
Benson	1012.8	+2	NNW	3	co+	48	55	7	-	Cu	9	-	9	*
S. Farnborough	1011.3	+3	NNW	3	co/r	49	55	8	1500	Cu	7	ASr	8	*
London	1012.0	+3	NNW	2	bc/r	44	75	7	2500	CuNb	6	Ci	7	*
Croydon	1011.6	+5	NNE	5	co/r	47	68	6	4000	Nb	8	ACu	9	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1010.7	+3	NE	4	bc-	50	68	7	4000	Cu	2	-	2	*
Grain	1011.3	+3	ENE	5	bc-	48	68	8	5750	Cu	2	-	2	*
Lympne	1009.8	+4	NNE	5	bc	46	68	8	1500	Cu	4	ASr	5	*
Scilly (St. Mary's)	1014.9	+1	NNW	4	co	50	85	8	4000	Cu	7	-	7	*
Falmouth	1015.1	+4	NNW	4	bc	51	55	8	-	Cu	5	-	5	*
Plymouth	1013.5	+2	N	3	co	49	55	8	4000	Cu	8	-	8	*
Portland Bill	1009.8	+4	NE	5	bc+	42	92	8	-	-	-	ASr	5	*
Calshot	1012.3	+5	N	4	co/r	46	78	8	2500	SrCu	4	ACu	6	*
Dungeness	1010.0	+4	E	5	bc	48	97	8	5750	Sr	3	-	3	*
Jersey	1011.5	+4	NE	4	co/r	47	75	8	2500	SrCu	8	-	8	*

Observations at 1800 G.M.T. 18th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-6
Lerwick	1017.3	+3	NE	3	bc-	43	75	8	7250	-	-	ACu	6	1
Stornoway	1021.6	+3	NNE	3	co	44	75	7	4000	Cu	7	-	7	1
Wick	1018.6	+2	N	2	bc	44	85	9	4000	Cu	2	-	2	0
Castlebay	1022.0	+2	NNW	4	co+	46	75	8	1500	Nb	3	ASr	7	3
Nairn	1019.4	*	NE	1	bc	43	*	*	*	*	*	*	*	*
Aberdeen	1018.5	+6	NE	4	bc/r	40	97	8	2500	CuN	6	-	6	0
Malin Head	1019.9	+4	N	3	co+	45	97	8	2500	Cu	5	-	5	4
Renfrew	1018.9	+4	N	3	bc-	46	65	8	2500	Cu	3	-	5	*
Leith	1018.1	*	NNE	4	co/r	43	75	8	4000	CuNb	7	-	7	*
Eskdalemuir	1017.0	+2	NE	4	Pr	39	85	8	1500	CuNb	8	-	8	*
Tynemouth	1015.5	+1	W	1	co+	41	85	6	800	Sr	9	-	9	1
Blacksod Point	1022.1	+2	NW	3	bc	47	75	8	-	Cu	7	-	7	2
Donaghadee	1018.8	+2	N	3	bc	47	65	9	4000	Cu	2	-	2	4
Birr Castle	1019.8	*	NW	3	co-	48	65	7	1500	Cu	6	-	6	*
Baldonnell	1019.3	+4	NNE	3	bc v	44	75	8	4000	SrCu	3	-	6	*
Holyhead	1017.4	+3	N	5	bc-	46	75	9	2500	Cu	1	-	1	1
Liverpool (Bidston)	1015.8	+2	ENE	2	bc-	44	75	7	-	-	-	ACu	2	1
Manchester (Alex. Pk.)	1015.3	+4	N	2	co	46	65	5	4000	SrCu	9	-	9	*
Howden	1015.6	+6	N	2	r	39	92	7	800	Nb	8	-	10	*
Spurn Head	1014.5	+1	NE	3	bc	45	65	9	4000	Cu	2	-	2	0
Nottingham	1014.7	*	E	2	co	46	75	6	4000	Cu	4	Ci	7	*
Cranwell	1015.3	+3	ENE	4	co-	44	85	8	4000	Cu	3	Ci	9	*
Gorleston	1013.3	+4	NE	4	bc	44	75	8	7250	Cu	2	ACu	3	4
Pulham	1013.9	+4	NNE	3	co	44	66	7	2500	SrCu	7	-	7	*
Felixstowe	1014.4	+3	N	4	bc	45	65	8	4000	SrCu	4	-	4	4
Valencia (Cahirciveen)	1023.2	+2	NNW	5	co-	48	68	9	2500	SrCu	4	-	7	4
Rochas Point	1020.9	+2	N	4	bc/r	48	75	8	2500	CuN	5	-	5	0
Pembroke (St. Ann's H.)	1017.4	+2	NNE	4	bc v	45	65	9	5750	Cu	1	ACu	2	3
Ross-on-Wye	1015.5	+2	N	2	co/r	42	85	7	1500	Sr	8	-	10	*
Benson	1013.7	+1	N	1	co+	42	85	8	-	Sr	10	-	10	*
S. Farnborough	1013.7	+3	NNE	2	od	45	65	8	2500	SrCu	3	ASr	10	*
London	1014.1	+3	NNW	1	co/r	46	65	6	2500	Cu	5	Ci	7	*
Croydon	1013.8	+3	ENE	3	co/r	46	65	7	4000	Cu	6	Ci	8	*
Clacton-on-Sea	1013.2	+3	ENE	3	bc/r	47	65	8	2500	Cu	4	-	4	3
Shoeburyness	1013.5	+3	NE	2	bc	43	65	7	4000	Cu	1	-	2	*
Grain	1013.9	+4	ENE	5	co	46	75	9	7250	SrCu	6	-	7	3
Lympne	1013.1	+4	NE	5	bc-	42	75	9	4000	Cu	1	Ci	2	*
Scilly (St. Mary's)	1018.1	+1	NNW	4	bc-	48	75	8	4000	Cu	1	-	1	6
Falmouth	1017.0	+2	N	4	bc-	47	75	8	-	Cu	1	-	2	*
Plymouth	1016.0	+4	NNE	2	co-	44	75	8	4000	SrCu	8	-	8	*
Portland Bill	1013.8	+4	NE	3	bc+	45	92	8	1500	SrCu	7	-	7	3
Calshot	1014.1	+4	NNE	3	co/r	47	65	8	2500	SrCu	9	-	9	0
Dungeness	1012.1	+3	E	4	bc-	46	97	9	5750	Cu	2	-	2	5
Jersey	1014.6	+2	NE	4	odd	46	75	8	2500	Nb	10	-	10	3

LONDON OBSERVATIONS.

	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 HOURS ENDED 0900 G.M.T. 19th							YESTERDAY.		TO-DAY.
Kew (24 hours ended 0700)	p	Ter δ	form	*	*	24	0.1	6.1	*	*
Croydon (24 hours ended 0700)	p	p	form	*	*	23	0.2	*	*	*
Greenwich (Royal Obsy.)	c	c	c	53	33	23	-	7.0	58	71
City (Bunhill Row)	*	*	*	*	*	*	*	6.6	*	*
Westminster (St. James' Pk.)	*	*	*					6.5		
Regents Pk. (Botanical Gdns.)	*	*	*	*	*	*	*	6.4	*	*
Camden Sq. (Brit. Rainfall)	c	b	*	54	32	25	-	*	64	75
Kensington Palace	c, bc	bc	*	51	32	25	-	*	56 (18h)	72
Hampstead Observatory	*	*	*	48	34	27	1	7.0	*	77

ATMOSPHERIC POLLUTION. Lbs. of Solid impurity per million cubic yards.

24 Hr. ended 1800 G.M.T. 18th

South Kensington

Max.	Time.	Min.	Time.

Kew Observatory

Max.	Time.	Min.	Time.
1	17th 1800	<½	18th 0200
1	18th 0700		

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total 1264 joules

Average Rate 25.3 Milliwatts.

Maximum Rate 77 Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 18th 20 h 15 m to 19th 03 h 45 m

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	7.30	7.30	100
δ Ursae Minoris	7.30	6.55	92

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

19th + 20th April 1921.

STATIONS.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	4.49	11.52	6.54
	4.47	11.52	6.56
Greenwich	4.59	11.59	6.59
	4.57	11.59	7.1
Wick	4.52	12.11	7.30
	4.50	12.11	7.32
Valencia	5.39	12.40	7.41
	5.37	12.40	7.42

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, i.e., rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
rorro = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

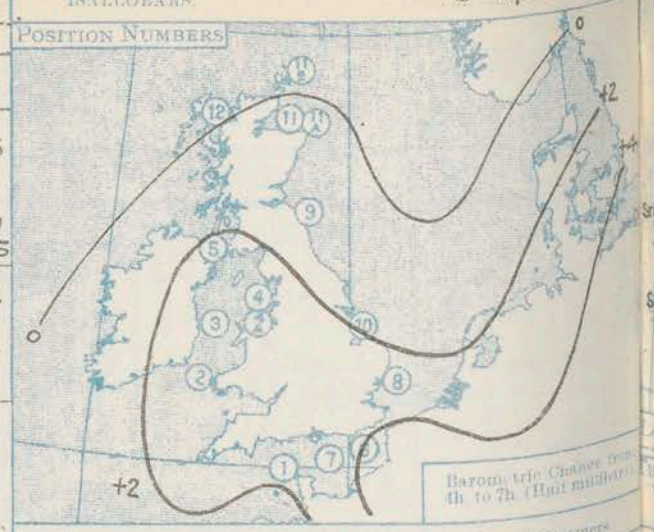
SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 18th	13h.-18h. 18th	18h. 18th to 1h. 19th	1h.-7h. 19th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL. Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	SUN. Hours.
Lerwick	b or bc	b or bc	b or bc	b or bc	45	34		–	–	–	
Stornoway	c	c	b or bc	b or bc	47	34		1	–	–	8.5
Wick	b or bc	b or bc	b or bc	p	45	33		–	0.4	2.30	
Castlebay	b or bc	c	b or bc		46	39		trace	–	–	11.7
Nairn	p. pr	bc	bcx		46	32		0.8	–	–	4.9
Aberdeen	p	p	b or bc		46	35	30	2	0.4	1100 –	7.5
Malin Head	c	p	c	c	47	42		1	–	1430 –	11.1
Renfrew	c	c	b or bc	b or bc	49	28	18	–	–	–	7.5
Leith	p	p	f or m		47	33	28	0.3	6	–	
Eskdalemuir	s(r)	p	p	b or bc	46	28	21	1	0.3	–	7.5
Tynemouth	c	p	p	p	45	36		trace	2	1330 –	
Blacksod Point	b or bc	b or bc	b or bc	b or bc	49	38		trace	–	–	
Donaghadee	b or bc	b or bc	b or bc		48	38		–	–	–	
Birr Castle	c	p	c		51	29	20	0.4	–	–	10.7
Baldonnell	h(r)	p	b or bc	b or bc	49	30	23	0.6	–	1230 –	10.7
Holyhead	r or d	b or bc	b or bc	b or bc	48	41	37	1	–	0900 –	7.3
Liverpool (Bidston)	c	b or bc	b or bc		46	36	28	–	–	–	5.2
Manchester (Alex.Pk.)	c	c	b or bc		49	29	21	–	–	–	
Howden	oo	r or d	f or m	r or d	50	29	21	1	1	1530 630	5.7
Spurn Head	c	b or bc	c	b or bc	44	37		–	–	–	
Nottingham	c	c	b or bc		49	34	28	–	–	–	4.5
Cranwell	c	oo	b or bc	f or m	49	32	29	–	–	–	7.2
Gorleston	c	c	b or bc	c	48	36	34	–	2 trace	2.30	11.4
Pulham	c	c	c	p	51	32	24	–	0.2	3.30	7.7
Felixstowe	c	b or bc	b or bc	c	50	33		1	–	–	9.5
Valencia (Cahirciveen)	b or bc	b or bc	b or bc	b or bc	50	33	32	0.1	–	–	9.1
Roches Point	b or bc	p	b or bc		52	37		0.5	–	1330 –	
Pembroke (St.Ann's H.)	c	b or bc	b or bc	b or bc	48	38		0.3	–	1330 –	9.0
Ross-on-Wye	c	c	c		49	32	24	trace	–	1730 –	4.6
Benson	p	oo	c		49	30	25	–	0.4	–	
S. Farnborough	p	c	b or bc		52	28	24	trace	–	–	6.2
London	p	r or d	f or m		49	32	24	0.1	–	–	6.1
Croydon	p	p	f or m	f or m	49	29	23	0.2	–	1230 –	
Clacton-on-Sea	p		b or bc		49	34	29	trace	–	0900 –	10.6
Shoeburyness	h(r)	b or bc	f or m		50	34	29	0.1	–	0900 –	9.3
Grain	b or bc	c	c		49	37	31	trace	–	–	8.7
Lympne	b or bc	b or bc	b or bc	c	47	33	28	trace	–	1100 –	11.4
Scilly (St. Mary's)	b or bc	p	p	p	52	40		1	2	1430 2400	7.7
Falmouth	c	b or bc	b or bc	b or bc	52	35	29	1	–	1230 –	11.5
Plymouth	c	c	b or bc		51	36	24	–	–	–	10.0
Portland Bill	c	c	c	b or bc	48	40		–	–	–	
Calshot	p	p	oo	c	51	39	36	trace	–	1230 –	6.9
Dungeness	b or bc	b or bc	b or bc	p	50	34		–	0.1	4.30	
Jersey	r or d	c	r or d	r or d	50	38		–	1	0900 2100	2.7

ISALLOBARS.

18th April 1927.

POSITION NUMBERS



Temperature reported from Cross Channel and Coastal Steamers

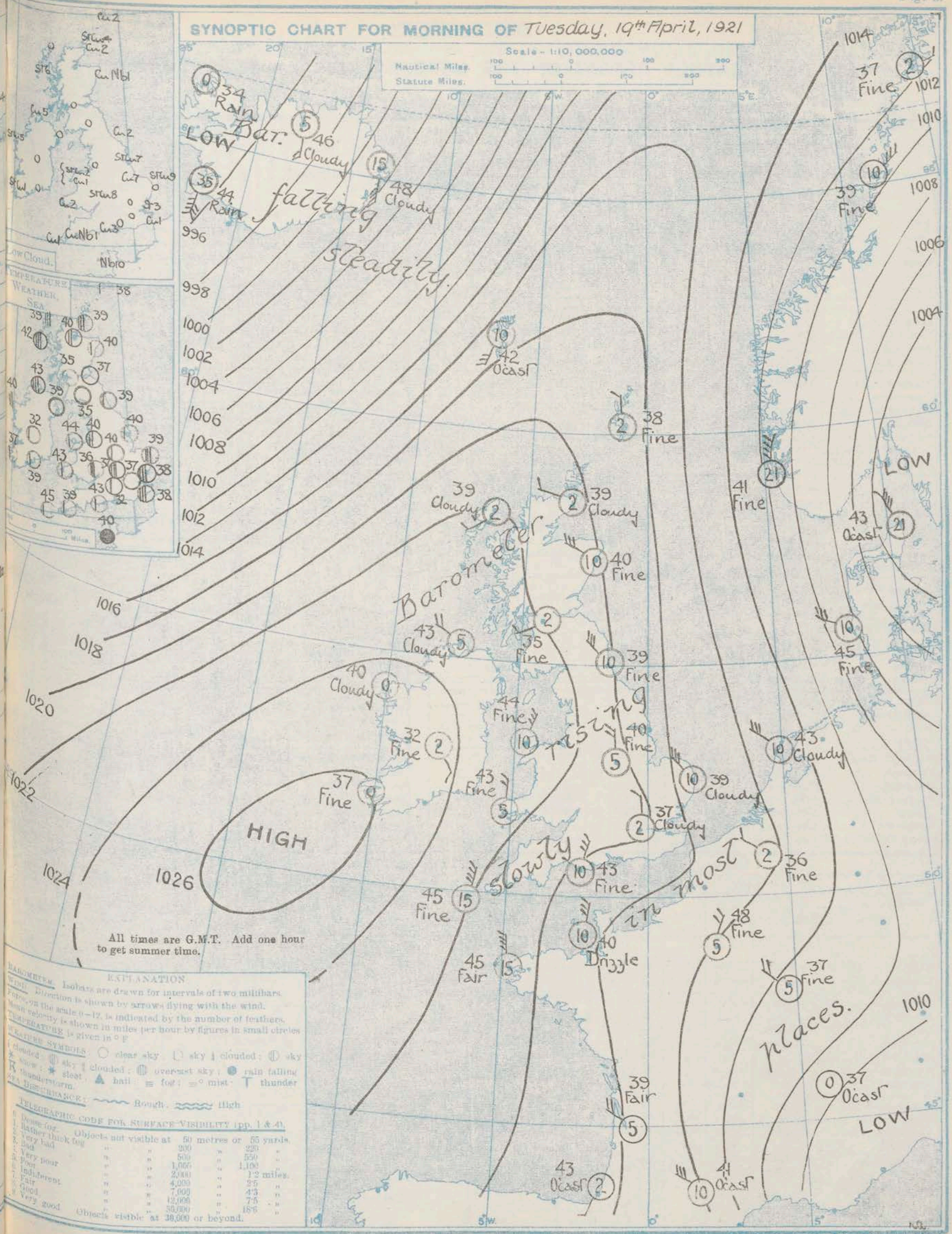
Position Number.	3	6	2
Date	18th	18th	19th
Time G.M.T.	1015	1350	0100
Sea °F	46	50	47
Air °F	44	37	45

GENERAL INFERENCE.

The anticyclone extending over the British Isles from the Atlantic will cause fair, cold weather generally but some local showers are still probable in the most Eastern districts. Frost will again occur at night. The extreme North of the Kingdom will come under the influence of a depression over Iceland and experience some increase of temperature with Westerly to S.Westerly winds.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind N. to NW, light or Moderate; variable sky; some local showers of rain or hail, perhaps thunder; visibility fair or good. Temperature low; frost in many places at night.	Wind returning to NW & W. or SW generally, with a gradual rise of temperature.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Wind mainly North; light; fair generally; visibility fair or good. Cold; local frost inland at night.	
10. N.E. England	Same as 1 - 3	
11. E. Scotland		
12. S.W. Scotland 13. Isle of Man 14. N.& N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland	Wind backing to W. or SW; light or moderate; mainly fair to cloudy, then overcast; some rain in extreme North and North-West; visibility fair; temperature low, then rising.	
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind Northerly or variable, light; fine, visibility fair or good. Temperature low, frost inland at night, becoming milder tomorrow.	

SYNOPTIC CHART FOR MORNING OF Tuesday, 19th April, 1921



H.M. Stationery Office Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION...Tuesday,...19th...April...1921. No..109.

Observations at 0100 G.M.T.....19th.....

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1018·6	0	N	1	bc-	37	75	6	-	-	-	-	-	*
Stornoway	1024·2	+3	N	2	bc-	*	*	7	*	*	*	*	*	*
Wick	1026·5	0	WNW	1	bc-	35	97	8	4000	CuNb	2	-	2	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1023·4	+2	N	3	co	44	97	7	2500	Cu	6	-	6	*
Renfrew	1022·3	+2	-	0	bc	31	85	8	-	-	-	-	-	*
Leith	1021·4	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1021·6	+2	N	3	bc	33	85	8	-	-	-	-	-	*
Tynemouth	1018·9	+2	NE	4	PR	40	85	8	4000	CuNb	5	-	5	*
Blacksod Point ...	1024·5	+3	-	0	bc	43	85	7	7250	Cu	7	-	7	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1023·3	+3	-	0	bc	35	85	8	1500	Cu	2	-	2	*
Holyhead	1026·5	+1	NE	6	bc	*	*	8	2500	Cu	3	-	3	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	1018·3	+1	-	0	fo+	30	97	3	1500	St	4	aCu	9	*
Spurn Head	1017·0	+1	NW	4	bc	41	92	7	2500	St	1	Ci	3	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1019·1	+3	WNW	4	co	35	97	6	2500	StCu	9	-	9	*
Gorleston	1016·8	+2	WNW	2	co+	36	92	8	-	-	-	aSt	6	*
Pulham	1017·3	+2	NW	1	bc	38	92	6	4000	StCu	6	aSt	10	*
Felixstowe	1017·7	+3	NNW	2	bc⊕	35	97	8	-	-	-	CiSt	6	*
Valencia (Cahirciveen)	1025·3	+1	NNW	3	bc-	44	*	*	*	*	*	*	*	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St.Ann's H.)	1021·0	+1	NNE	2	bc	41	85	9	-	-	-	-	1	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London			*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1018·2	+3	SE	1	bc-	31	92	5	-	-	-	Ci	3	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1016·8	+4	NE	1	pr	34	92	8	1500	Cu	3	-	5	*
Scilly (St. Mary's) ...	1021·0	+1	N	4	bc-	44	92	8	4000	Cu	3	-	4	*
Falmouth	1020·1	+1	N	3	bc	40	75	8	-	Cu	1	-	1	*
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1015·5	+2	NE	4	bc	45	92	8	1500	StCu	7	-	7	*
Calshot	1017·7	+2	NE	1	co	42	85	8	5750	StCu	10	-	10	*
Dungeness	1016·1	+3	NE	3	bc-	34	97	9	-	-	-	aCu	5	*
Jersey (Guernsey Ih.)	1017·6	+3	SSW	1	22r	43	75	6	4000	NB	10	-	10	*

Observations at 0700 G.M.T.....19th.....

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1018·5	-1	N	1	bc	38	75	8	7250	Cu	2	-	2	0
Stornoway	1022·0	0	SW	1	co+	39	85	7	5750	?StCu	9	-	9	0
Wick	1026·6	0	WNW	1	co/r	37	92	9	4000	StCu	4	-	6	0
Castlebay	1023·3	0	-	0	co-	42	85	8	2500	St	6	aSt	8	2
Nairn	1021·7	*	-	0	bc	40	*	*	*	*	*	*	*	1
Aberdeen	1021·1	+1	NW	3	bc/r	40	92	8	2500	CuNb	1	-	1	0
Malin Head	1023·1	0	NW	2	co-	43	97	8	2500	Cu	5	-	5	1
Renfrew	1022·9	+1	WSW	1	bc	35	85	6	-	-	-	aSt	1	*
Leith	1021·9	+1	W	1	fb-	37	85	6	-	-	-	-	-	*
Eskdalemuir	1022·7	+2	-	0	bc	35	75	8	-	-	-	-	-	1
Tynemouth	1020·9	+1	NNW	3	bc-	39	?	7	800	Cu	2	-	2	*
Blacksod Point ...	1024·5	0	-	0	bc+	40	85	7	800	StCu	5	aCu	7	0
Donaghadee	1023·4	+3	W	3	bcV	39	85	9	-	-	-	-	-	3
Birr Castle	1025·6	*	SE	1	bc-	32	92	8	5750	?StCu	1	-	1	*
Baldonnell	1024·4	+2	-	0	bc+	35	92	8	-	-	-	aSt	2	*
Holyhead	1022·6	+3	NE	3	bc+	44	85	9	2500	StCu	2	-	3	1
Liverpool (Bidston) ...	1022·2	+3	NNE	1	bc	40	75	7	-	-	-	Ci	4	1
Manchester (Alex.Pk.)	1021·7	+5	WNW	1	bc-	34	92	4	-	-	-	aCu	2	*
Howden	1020·7	+3	NNW	2	bc	36	92	5	2500	StCu	7	aCu	8	*
Spurn Head	1018·2	+1	NNW	4	bc	40	85	8	2500	Cu	2	-	3	1
Nottingham	1020·4	*	N	2	bc-	40	85	3	-	-	-	aCu	1	*
Cranwell	1021·1	+2	NW	4	co/f	34	97	5	4000	StCu	7	-	7	*
Gorleston	1017·1	0	NNW	3	co+	39	85	7	7250	StCu	9	-	9	0
Pulham	1019·0	+3	NW	3	bc+	39	92	6	4000	StCu	9	-	9	*
Felixstowe	1019·4	+3	NW	3	co	40	85	7	-	-	-	CiSt	8	1
Valencia (Cahirciveen)	1026·0	+1	-	0	bc+	37	85	9	4000	StCu	1	-	1	0
Roches Point	1025·0	+2	NNW	2	bc-	39	92	8	-	-	-	Ci	1	0
Pembroke (St.Ann's H.)	1022·3	+2	N	2	bc	43	85	9	5750	Cu	2	-	2	1
Ross-on-Wye	1021·0	+3	-	0	co+	36	97	5	4000	StCu	8	-	8	*
Benson...	1020·6	+3	NW	1	co	37	97	5	-	-	-	aSt	8	*
S. Farnborough ...	1020·5	+3	NW	2	bc+	32	75	7	-	-	-	aCu	3	*
London	1020·4	+3	N	1	co-	37	85	5	4000	St	3	Ci	6	*
Croydon	1020·5	+3	SW	1	co-	34	97	5	-	-	-	Ci	8	*
Clacton-on-Sea ...	1018·8	+3	NNW	3	co	38	92	6	-	-	-	CiSt	7	0
Shoeburyness	1019·3	+3	NE	1	bc/f	39	75	7	-	-	-	aSt	5	*
Grain	1019·7	+4	N	4	co	40	85	7	-	-	-	CiSt	7	0
Lympne	1018·5	+3	N	2	co-	40	92	8	2500	Cu	1	CiSt	8	*
Scilly (St. Mary's) ...	1022·2	+2	NNE	4	bc-	45	85	8	4000	Cu	1	-	1	5
Falmouth	1021·7	+3	N	3	bc	39	85	7	-	CuNb	1	-	1	*
Plymouth	1021·4	+3	NNW	1	bc	39	85	8	-	-	-	-	-	*
Portland Bill	1018·3	+3	NE	3	bc-	43	92	7	1500	Cu	3	-	3	3
Calshot	1020·1	+5	N	3	bc+	40	85	7	-	-	-	aCu	5	0
Dungeness	1018·7	+3	NNE	3	co/r	38	97	7	-	-	-	Ci	7	3
Jersey (Guernsey Ih.)	1019·1	+1	N	3	0	40	92	8	2500	NB	10	-	10	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR....18th April 1921

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 17th-18th min.	Rainfall.† Day 9h.-18h. 18th min.	Sunshine. Sunrise to 17h. 18th hr.	Sunshine. Sunrise to Sunset. 17th hr.
Banff	cpc	cpc	46	36	1	1	3.7	0.6
Montrose	c	bcc	46	33	11	1	5.3	?
Llandudno	co	cbc	46	35	-	-	3.3	3.5
Colwyn Bay ...	cbco	bcb	47	35	-	-	3.3	0.0
Rhyl...	cbc	bc	43	32	-	-	3.8	0.2
Southport	ocbcc	bcb	46	36	-	-	5.0	0.7
Blackpool	c	oc	47	33	-	-	4.6	0.5
Harrogate	cbc	bbco	49	41	0.1	-	4.4	0.5
Skegness	ob	vbbco	48	42	1	-	9.3	0.9
Aberystwyth ...	cbc	bbc	46	37	-	-	8.0	7.0
Bath	bbcco	oc	47	36	1	-	3.8	3.3
Leamington Spa ...	cb	cb	46	33	-	-	2.5	0.0
Lowestoft	bc	bc	48	39	-	-	10.5	0.0
Felixstowe	bc	bc	48	39	2	-	8.4	0.0
Southend	cbc	bcv	50	37	1	-	8.0	0.0
Ilfracombe	bbc	opbc	50	44	-	0.2	8.8	8.5
Bude	b	bcopb	50	40	-	-	9.7	5.6
Penzance	bc	bcpr	52	42	1	1	8.5	7.7
Torquay	bc	bcy	52	40	0.2	-	7.4	8.4
Weymouth	bcc	c	53	37	-	-	7.0	0.6
Bournemouth ...	b	bbc	52	37	2	-	7.0	6.0
Portsmouth (S'thsea)	-	-	51	39	1	-	5.8	4.5
Worthing	bcc	co	51	39	1	-	6.1	4.7
Brighton	c	c	51	39	1	-	6.4	4.1
Eastbourne	bc	bc	52	38	1	-	7.2	3.9
Hastings	cobc	bcbbc	51	36	1	-	8.3	1.0
Folkestone	bc	bc	49	35	5	-	8.0	0.0
Tunbridge Wells ...	obc	opbc	51	36	3	-	6.6	0.0
Ramsgate	bc	b	47	37	1	-	10.3	0.0
Margate	cbcb	b	47	39	1	-	10.6	

‡ Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.21,699 Wednesday, 20th April 1921.

Observations at 1300 G.M.T. 19th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1018.7	0	N	3	bc	44	85	8	7250	Cu	6	-	6	*
Stornoway	1021.5	-1	SW	2	co-	51	65	8	2500	Cu	6	-	6	*
Wick	1019.1	-1	W	2	co-	46	75	9	4000	CuNb	8	-	8	*
Castlebay	1023.1	0	WSW	5	bc-	44	85	8	?	Cu	4	-	4	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1021.6	+1	NW	3	co+	46	65	9	4000	Cu	9	-	9	*
Malin Head	1023.2	0	WNW	2	bcv	47	97	8	2500	Cu	3	Ci	4	*
Renfrew	1022.3	-1	WNW	2	co+	51	55	8	4000	St.Cu	4	A.Cu	9	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1022.3	+1	NW	1	co+	48	55	8	5750	Cu	6	A.St	10	*
Tynemouth	1022.2	0	NNE	3	bc	46	75	8	2500	Cu	2	-	2	*
Blacksod Point	1024.4	+2	W	2	bcv	50	65	9	-	Cu	4	-	4	*
Donaghadee	1024.1	+1	N	2	bc-	48	65	9	4000	Cu	2	A.Cu	4	*
Birr Castle	1024.9	*	NW	1	co+	49	75	8	4000	·	·	A.Cu	7	*
Baldonnell	1024.6	0	NNE	1	co+	50	55	9	4000	Cu	7	-	7	*
Holyhead	1024.4	+2	NE	3	bcv	48	75	9	4000	Cu	1	Ci	3	*
Liverpool (Bidston)	1023.6	+1	NW	2	bc	45	55	8	7250	St.Cu	2	Ci	3	*
Manchester (Alex.Pk.)	1022.8	+1	NNW	2	bc	49	55	6	2500	CuNb	9	-	9	*
Howden	1022	+1	NNE	2	co	47	75	7	4000	Cu	6	A.St	8	*
Spurn Head	1021.4	+3	N	5	c	48	85	9	5750	Cu	3	A.Cu	3	*
Nottingham	1022.0	*	NNE	2	bc+	50	55	6	4000	Cu	5	-	5	*
Cranwell	1022.1	+1	NNW	3	co	47	85	8	2500	Cu	7	-	7	*
Gorleston	1019.4	+2	NE	4	bc-	48	65	8	7250	-	-	A.St	6	*
Pulham	1020.6	+1	N	4	co	49	66	7	4000	Cu	8	-	8	*
Felixstowe	1021.1	+1	NE	2	co	49	75	8	4000	CuNb	6	Ci	8	*
Valencia (Cahirciveen)	1026.0	0	NW	3	bcv	49	65	9	4000	St.Cu	3	-	3	*
Roches Point	1025.7	0	NW	2	bc+	51	75	9	2500	Cu	4	-	4	*
Pembroke (St.Ann's H.)	1024.2	+1	NE	3	bcv	50	65	9	5750	Cu	5	-	5	*
Ross-on-Wye	1022.2	+2	-	0	co	48	65	6	4000	St.Cu	8	-	8	*
Benson	1022.1	+1	N	2	bc	50	55	7	-	Cu	5	-	5	*
S. Farnborough	1022.0	+1	NNE	2	co-	49	55	8	1500	Cu	8	Ci.Cu	9	*
London	1021.8	+1	N	3	co/f	48	45	8	5750	Cu	6	Ci	8	*
Croydon	1021.9	+2	N	3	co-	47	65	7	5750 2000	CuNb	9	-	9	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1020.6	+1	NNW	5	co+	50	55	7	2500	St.Cu	4	A.Cu	7	*
Grain	1021.3	+1	-	0	co/r	48	65	8	5750	St.Cu	6	A.St	7	*
Lympne	1020.6	+2	NNW	4	co+	49	65	9	2500	Cu	8	Ci.St	9	*
Scilly (St. Mary's)	1024.1	+1	N	3	co+	49	75	8	4000	Cu	8	·	8	*
Falmouth	1023.4	+2	N	4	bc	50	55	8	-	St.Cu	4	Ci	5	*
Plymouth	1022.0	+1	N	3	cov	51	55	9	4000	Cu	6	-	6	*
Portland Bill	1022.4	+2	NE	2	bc	45	92	7	1500	Cu	3	-	3	*
Calshot	1022.1	+3	NW	1	co+	53	55	8	4000	CuNb	~~4~~ 7	·	~~4~~ 7	*
Dungeness	1020.7	+2	NE	3	bc	50	94	9	7250	Cu	5	-	5	*
Jersey	1021.3	+1	N	3	co/r	46	75	8	2500	Nb	7	-	7	*

Observations at 1800 G.M.T. 19th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1019.1	0	W	3	bc-	43	75	8	7250	-	-	A.Cu	5	7
Stornoway	1020.3	-1	W	2	co+	47	65	8	2500	Nb	8	-	8	0
Wick	1019.5	0	WNW	2	bc-	47	75	8	4000	CuNb	3	Ci.Cu	5	1
Castlebay	1022.4	0	SW	4	bc-	47	75	8	2500	St.Cu	2	-	2	3
Nairn	1020.6	*	WNW	1	c	48	*	*	*	*	*	*	*	*
Aberdeen	1021.6	+1	-	0	co/r	44	75	7	2500	Nb	10	-	10	0
Malin Head	1023.0	0	WNW	1	bc	48	85	8	2500	Cu	1	Ci	3	0
Renfrew	1022.4	0	WNW	2	co	49	55	8	4000	St.Cu	9	-	9	*
Leith	1021.7	*	E	1	co	49	45	8	4000	St.Cu	8	-	8	*
Eskdalemuir	1021.4	0	WNW	2	co	44	75	8	4000	St.Cu	4	Ci.St	9	*
Tynemouth	1022.4	0	NE	2	bc+	45	85	8	4000	CuNb	4	-	4	1
Blacksod Point	1022.9	-2	SW	2	bc-	49	65	8	-	-	-	Ci	4	0
Donaghadee	1023.6	-1	E	1	bc+	48	65	9	4000	Cu	3	A.Cu	5	1
Birr Castle	1024.2	*	NW	1	co	50	75	6	2500	CuNb	7	-	7	*
Baldonnell	1024.2	-1	-	0	co	50	65	8	4000	St.Cu	5	A.Cu	8	*
Holyhead	1024.3	0	E	2	cov	45	75	9	-	-	-	A.St	7	1
Liverpool (Bidston)	1023.5	0	NW	3	bcv	43	75	9	-	-	-	A.St	2	1
Manchester (Alex.Pk.)	1023.0	0	NW	3	bc	47	65	5	4000	Cu	1	Ci	3	*
Howden	1022.4	-1	-	0	co+	45	75	8	4000	St	6	-	6	*
Spurn Head	1022.6	+1	W	2	co	45	92	9	5750	CuNb	7	-	7	1
Nottingham	1022.0	*	E	3	co+	46	75	5	2500	CuNb	6	-	6	*
Cranwell	1020.9	+1	E	2	bc-	47	85	8	4000	Nb	3	Ci	4	*
Gorleston	1021.6	+2	NNE	3	bc	45	75	8	4000	Cu	3	-	3	0
Pulham	?	+2	N	2	co-	46	65	8	5750	Cu	4	-	4	*
Felixstowe	1022.9	+2	E	2	bc	47	75	8	5750	Cu	4	-	4	1
Valencia (Cahirciveen)	1025.3	-1	W	2	bcv	49	65	9	4000	Cu	1	Ci.St	2	0
Roches Point	1025.4	-1	SW	3	bc-	50	75	8	-	-	-	Ci	5	0
Pembroke (St.Ann's H.)	1024.5	0	NE	3	bc	46	85	9	-	-	-	Ci	5	2
Ross-on-Wye	1022.5	0	ENE	3	co+	48	65	7	4000	CuNb	7	-	7	*
Benson	1022.6	+1	NNW	1	bc	49	55	8	-	Cu	5	-	5	*
S. Farnborough	1023.4	+2	WSW	3	co/r	45	75	8	800	Nb	9	-	9	*
London	1022.8	+2	NE	2	co	47	55	6	4000	Cu	6	A.Cu	8	*
Croydon	1022.8	+2	SE	2	co/r	44	75	7	2500	CuNb	5	A.St	8	*
Clacton-on-Sea	1022.1	+2	ESE	2	bc/r	46	85	8	4000	Cu	3	A.St	4	0
Shoeburyness	1021.6	+2	-	0	bc/f	46	75	6	-	-	-	Ci.Cu	1	*
Grain	1022.7	+2	-	0	bc/s	46	65	8	4000	St.Cu	6	Ci	7	0
Lympne	1021.1	+1	NNE	2	bc-	45	75	8	2500	CuNb	2	Ci	4	*
Scilly (St. Mary's)	1024.9	+1	NNE	3	bc-	48	85	9	4000	Cu	2	-	2	4
Falmouth	1023.7	+1	NNW	3	bc	48	55	8	-	St.Cu	1	Ci	2	*
Plymouth	1023.1	+1	S	2	bc	47	75	8	4000	CuNb	4	Ci.St	6	*
Portland Bill	1022.0	+2	NE	2	bc	47	92	8	-	-	-	-	-	3
Calshot	1023.3	+1	SW	1	bc	47	75	8	4000	St.Cu	2	-	2	0
Dungeness	1021.7	+2	W	1	bc	47	94	9	5750	Cu	5	-	5	3
Jersey	1022.5	0	E	3	bc/r	46	75	8	2500	St.Cu	1	-	1	3

LONDON OBSERVATIONS.

	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 HOURS ENDED 0900 G.M.T. 20th							YESTERDAY.		TO-DAY.
Kew } 24 hours ended 0700	c	c	form	*	*	22	-	8.2	*	*
Croydon } 24 hours ended 0700	form	p	bc/bc	*	*	23	0.4	*	*	*
Greenwich (Royal Obsy.)	c	c.o21	b	54	28	27	-	5.5	51	67
City (Bunhill Row)	*	*	*	*	*	*	*	5.5	*	*
Westminster (St. James' Pk.)	*	*	*	54	32	26	-	5.6	52	73
Regents Pk. (Botanical Gdns.)	*	*	*	*	*	*	*	7.6		
Camden Sq. (Brit. Rainfall)	c	bc.c	*	56	31	27	4	*	45	76
Kensington Palace	c	c	*	53	33	23	2	*	49(8h)	75
Hampstead Observatory	*	*	*	51	33	22	4	9.0	*	80

ATMOSPHERIC POLLUTION. Lbs. of Solid impurity per million cubic yards.

24 Hr. ended 1800 G.M.T. 19th

South Kensington

Max.	Time.	Min.	Time.
1	0900 18th	<½	2-5h 19th
1	9-10h 19th		

Kew Observatory

Max.	Time.	Min.	Time.
1	2000 18th	<½	1h. 19th
1½	0700 19th		

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total 1399 joules

Average Rate 27.8 Milliwatts.

Maximum Rate 79 Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 19th 20h 15m. to 20th 3h 45m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	7.30	7.30	100
δ Ursae Minoris	7.30	7.30	100

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

20th & 21st April 1921.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.47	11.52	6.56
	4.45	11.52	6.58
Greenwich	4.57	11.59	7.1
	4.55	11.59	7.3
Wick	4.50	12.11	7.32
	4.47	12.11	7.34
Valencia	5.37	12.40	7.42
	5.35	12.40	7.44

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, f.s., rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; l = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
r_0r_0 = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

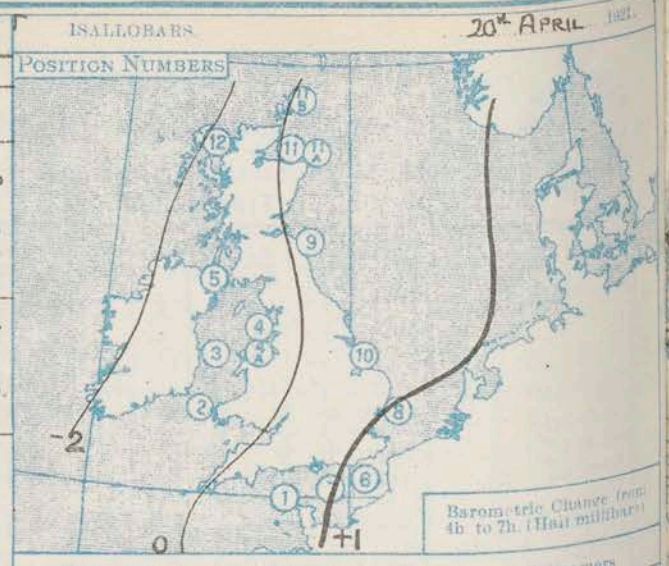
0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 2.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 19th	13h.-18h. 19th	18h. 19th to 1h. 20th	1h.-7h. 20th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	SUN. Hours.
Lerwick	bor bc	bor bc	c	bor bc	45	41	•	–	–	–	
Stornoway	c	c	bor bc	bor bc	51	39	•	?	–	–	5.0
Wick	c	bor bc	c	bor bc	48	36	•	0.3	–	9h. –	•
Castlebay	o.o	bor bc	bor bc		47	44	•	–	–	–	8.6
Nairn	bc.o	cg	cg. bcx		50	32	•	–	–	–	3.9
Aberdeen	c	p	c		48	35	23	0.1	0.2	16.30 –	5.9
Malin Head	bor bc	bor bc	bor bc	bor bc	48	39	•	–	–	–	10.7
Renfrew	c	o.o	c	bor bc	52	33	21	–	–	–	8.7
Leith	•	c	form		50	37	30	–	–	–	*
Eskdalemuir	c	c	bor bc	c	48	23	19	–	–	–	8.3
Tynemouth	bor bc	bor bc	c	c	47	38	?	–	0.3	–	•
Blacksod Point	bor bc	bor bc	bor bc	bor bc	51	43	•	–	–	–	•
Donaghadee	bor bc	bor bc	bor bc		50	33	•	–	–	–	•
Birr Castle	c	c	bor bc		53	32	25	–	–	–	8.7
Baldonnell	bor bc	c	c	bor bc	52	35	28	–	–	–	8.9
Holyhead	bor bc	bor bc	bor bc	bor bc	45	39	28	–	–	–	?
Liverpool (Bidston)	bor bc	bor bc	c		48	35	27	–	–	–	9.7
Manchester (Alex.Pk.)	o.o	bor bc	o.o		51	28	20	–	trace	–	•
Howden	o.o	c	bor bc	form	50	28	19	0.3	0.3	–	6.2
Spurn Head	bor bc	bor bc	c	c	45	38	38	–	–	–	•
Nottingham	c	c	form		53	30	26	–	0.3	–	10.2
Cranwell	bor bc	rord	p	bor bc	52	32	29	trace	0.2	1330 2200	10.0
Gorleston	c	bor bc	bor bc	c	49	35	32	–	–	–	10.0
Pulham	c	bor bc	bor bc	c	51	30	21	–	–	–	9.0
Felixstowe	p	sorrs	p	bor bc	52	34	?	1	–	1430 –	7.6
Valencia (Cahirciveen)	bor bc	bor bc	bor bc	bor bc	49	37	27	–	–	–	12.8
Roches Point	bor bc	bor bc	bor bc		53	35	•	–	0.1	–	•
Pembroke (St.Ann's H.)	c	c	bor bc	bor bc	50	40	•	–	–	–	11.1
Ross-on-Wye	c	c	bor bc		50	27	21	–	trace	–	4.8
Benson	bor bc	bor bc	p		52	26	21	–	–	–	•
S. Farnborough	c	p	T or δ		54	25	21	1	1	17.30	6.9
London	c	c	form		51	32	22	–	–	– –	8.2
Croydon	form	p	p	bor bc	50	31	23	0.2	0.2	16.30 –	•
Clacton-on-Sea	*	p	bor bc		49	32	28	2	–	–	6.0
Shoeburyness	bor bc	hor hr	form		51	29	20	2	–	1330 –	7.3
Grain	c	c	c		50	28	19	trace	trace	1330 –	7.7
Lympne	c	c	bor bc	bor bc	48	31	22	–	–	– –	10.6
Scilly (St. Mary's)	bor bc	bor bc	bor bc	bor bc	52	39	•	–	–	–	11.2
Falmouth	bor bc	bor bc	bor bc	bor bc	52	36	30	–	–	–	12.5
Plymouth	bor bc	c	bor bc		51	31	•	–	–	–	8.2
Portland Bill	bor bc	bor bc	bor bc	bor bc	49	40	•	–	–	–	•
Calshot	c	p	bor bc	bor bc	56	32	27	0.2	–	15.30 –	6.0
Dungeness	bor bc	p	bor bc	bor bc	51	31	•	trace	–	16.30	
Jersey	rord	rord	form	bor bc	50	33	•	2	–	–	2.0 7.0



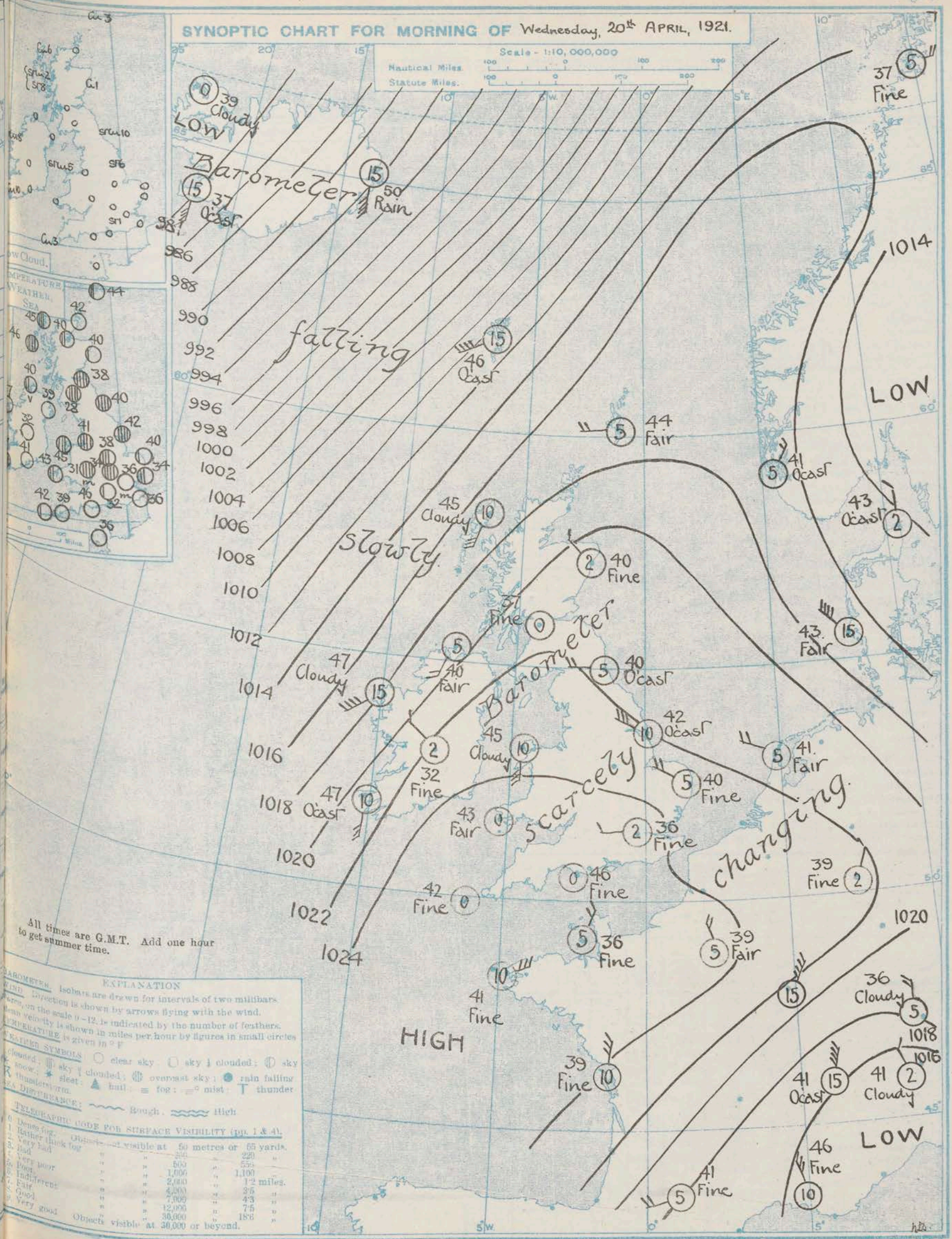
Temperature reported from Cross Channel and Coastal Steamers

Position Number	12	14a	14
Date	19th	19th	19th
Time G.M.T.	?	0610	0935
Sea °F	45	45	46
Air °F	44	42	45

GENERAL INFERENCE.

An anticyclone extending over this country from the Southward will cause fair to fine weather in most parts of England, but the N. & NW. of the Kingdom will be affected by depressions bringing cloud and some rain or showers. Temperature will become higher than of late.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday 20th April 1921.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England	Wind between W. & SW, light; fair or fine; visibility fair to good. Day temperature higher than of late, but slight local frost at night.	Much milder than of late generally; some rain in the West and North, fair in the E. & S.E.
6. South Wales 7. North Wales 8. N.W. England	Wind SW. & S., light to moderate; fair to cloudy, finally some rain or showers. Visibility fair; temperature rising.	
9. N. Midlands 10. N.E. England 11. E. Scotland	Wind S. & SW, light to moderate; fair to cloudy or over-cast. Visibility fair generally. Temperature rising.	
12. S.W. Scotland 13. Isle of Man 14. N.& N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Same as – 8.	


SYNOPTIC CHART FOR MORNING OF Wednesday, 20th APRIL, 1921.
Scale - 1:10,000,000
Nautical Miles.
Statute Miles.
LOW
Barometer falling slowly
Barometer scarcely changing
HIGH
LOW
LOW
1014
1020
1018
1016
All times are G.M.T. Add one hour to get summer time.
EXPLANATION
BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind.
Force, on the scale 0–12, is indicated by the number of feathers.
Mean velocity is shown in miles per hour by figures in small circles.
TEMPERATURE is given in ° F.
WEATHER SYMBOLS: clear sky; sky ¼ clouded; sky ½ clouded; sky ¾ clouded; overcast sky; rain falling; snow; sleet; hail; fog; mist; thunder; thunderstorm.
SEA DISTURBANCE: Rough; High.
TELEGRAPHIC CODE FOR SURFACE VISIBILITY (pp. 1 & 4).
0. Dense fog. Objects not visible at 50 metres or 55 yards.
1. Rather thick fog " " 200 " 220 "
2. Very bad " " 500 " 550 "
3. Bad " " 1,000 " 1,100 "
4. Very poor " " 2,000 " 1·2 miles.
5. Poor " " 4,000 " 2·5 "
6. Indifferent " " 7,000 " 4·3 "
7. Fair " " 12,000 " 7·5 "
8. Good " " 30,000 " 18·6 "
9. Very good " Objects visible at 30,000 or beyond.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Wednesday, 20th APRIL 1921. No. 110.

Observations at 0100 G.M.T. 20th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1016·9	0	W	2	bc-	40	85	7	4000	St Cu	2	a Cu	5	*
Stornoway	1021·9	0	W	2	bc-	*	*	6	*	*	*	*	*	*
Wick	1019·4	-2	WSW	2	bc-	38	92	8	7250	St	2	–	2	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1021·8	-1	SW	2	cot	41	97	8	–	–	–	A Cu	9	*
Renfrew	1022·6	0	–	0	bc	39	85	7	–	–	–	–	–	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1023·9	0	–	0	bc	28	85	8	–	–	–	Ci	3	*
Tynemouth	1022·9	0	W	2	bc⊕	?	85	6	–	–	–	Ci Cu	6	*
Blacksod Point ...	1021·8	-2	SW	2	cot	47	75	7	450	St	10	–	10	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1024·7	0	WSW	2	bc-	42	85	8	–	–	–	a Cu	5	*
Holyhead	1024·0	0	–	0	bc	*	*	8	–	–	–	a Cu	2	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	1023·7	0	–	0	bc-	32	97	6	–	–	–	–	–	*
Spurn Head	1023·2	+1	W	3	cot	42	75	8	7250	St Cu	8	–	8	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1024·5	0	SW	1	bc/r	36	97	8	2500	Cu	2	a Cu	3	*
Gorleston	1023·7	+1	NW	2	bc+	39	75	7	–	–	–	a Cu	5	*
Pulham	1023·8	0	WNW	1	bc+	36	92	7	2500	St Cu	5	–	5	*
Felixstowe	1024·2	0	WNW	2	bc	40	92	8	~~4000~~	~~St Cu~~	~~7~~	A St ?		*
Valencia (Cahirciveen)	1025·1	-2	–	0	bc+	45	*	*	*	*	*	*	*	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1025·5	+1	N	1	bc	42	85	9	–	–	–	–	–	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London	1024·3	+1	*	*	*	–	*	*	*	*	*	*	*	*
Croydon	1024·9	0	SSW	1	bc/r	31	92	7	–	–	–	Ci	2	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1024·1	+1	N	2	bc	36	97	8	–	–	–	–	–	*
Scilly (St. Mary's) ...	1025·1	0	NNE	1	bc	42	?	8	4000	Cu	2	–	2	*
Falmouth	1025·4	0	N	1	bc	38	85	8	–	–	–	Ci St	2	*
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1023·5	+1	NNE	2	bc	46	92	8	–	–	–	–	–	*
Calshot	1025·0	0	–	0	bc-	37	92	7	–	–	–	a St	1	*
Dungeness	1023·8	+2	N	2	bc⊕	34	97	6	–	–	–	–	–	*
Jersey (Guernsey 1h.)	1025·5	+2	NNE	1	bc/f	40	92	8	5750	Cu	1	–	1	*

Observations at 0700 G.M.T. 20th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1016·5	+2	W	2	bc	44	92	8	7250	Cu	3	Ci St	6	1
Stornoway	1016·9	-2	SSW	3	co	45	85	7	2500	Cu	6	–	–	0
Wick	1018·5	0	SW	1	bc-	42	85	8	–	–	–	–	–	1
Castlebay	1018·0	-1	S	4	co	46	92	8	1500	St	8	–	10	*
Nairn	1018·8	*	–	0	bc	46	*	*	*	*	*	*	*	*
Aberdeen	1020·7	-1	NW	1	bc/r	40	85	6	–	–	–	Ci	1	0
Malin Head	1019·4	-1	SSW	2	bcV	40	97	8	–	–	–	–	–	0
Renfrew	1021·6	-1	–	0	bc	37	92	S	5750	St Cu	9	–	9	*
Leith	1021·4	-1	SW	2	bc⊕	38	92	6	–	–	–	–	–	*
Eskdalemuir	1023·1	0	–	0	co-	28	85	8	–	–	–	Ci St	10	*
Tynemouth	1021·7	0	W	2	co	40	85	6	5750	St Cu	10	–	10	1
Blacksod Point ...	1017·3	-3	SW	4	bc+	47	85	7	5750	St Cu	8	–	8	2
Donaghadee	1021·8	-1	W	1	bc-	39	75	8	–	–	–	–	–	0
Birr Castle	1022·4	*	NW	1	bc-	32	97	6	–	–	–	–	–	*
Baldonnell	1023·1	0	–	0	bc	41	85	8	–	–	–	a St	2	*
Holyhead	1023·0	-1	S	3	co	45	92	8	2500	St Cu	5	a Cu	8	0
Liverpool (Bidston) ...	1023·1	0	W	1	cot	41	75	7	1500	Nb	5	–	10	0
Manchester (Alex.Pk.)	1023·9	0	NE	1	co	35	92	2	–	–	–	a Cu	9	*
Howden	1022·8	0	–	0	fb	33	97	5	1500	St	6	a St	10	*
Spurn Head	1024·9	-1	WNW	3	co	42	92	6	450	St	10	–	10	1
Nottingham	1023·5	*	WSW	2	cot	38	92	3	–	–	–	a Cu	7	*
Cranwell	1023·8	0	WSW	2	bc+	36	92	6	–	–	–	Ci	2	*
Gorleston	1022·6	0	WNW	2	bc-	40	85	7	–	–	–	a Cu	3	0
Pulham	1023·0	0	–	0	bc-	37	97	5	–	–	–	–	–	*
Felixstowe	1023·7	0	W	2	bc-	39	97	7	7250	? St Cu	1	–	1	*
Valencia (Cahirciveen)	1021·6	-2	S	3	cot	47	85	9	2500	St Cu	10	–	10	0
Roches Point	1024·0	-1	W	1	bc-	41	92	7	–	–	–	–	–	0
Pembroke (St. Ann's H.)	1024·5	-1	–	0	bc	43	85	8	–	–	–	Ci St	4	2
Ross-on-Wye	1024·6	0	–	0	fb-	31	92	2	–	–	–	Ci St	9	*
Benson...	1024·4	0	–	0	bc	34	97	5	–	–	–	–	–	*
S. Farnborough ...	1024·7	+1	W	2	bc/f	32	85	5	800	St	1	?	1	*
London	1024·4	+1	WSW	1	fb-	36	85	4	–	–	–	–	–	*
Croydon	1024·5	0	SW	1	bc	37	92	5	–	–	–	–	–	*
Clacton-on-Sea ...	1023·3	0	WNW	3	bc	34	92	6	4000	Cu	3	a Cu	5	0
Shoeburyness	1023·8	0	–	0	fb	38	85	4	–	–	–	a Cu	1	*
Grain	1024·0	+2	–	0	fb	38	92	7	–	–	–	–	–	0
Lympne	1023·4	-1	NNW	1	bc	40	85	7	–	–	–	Ci	1	*
Scilly (St. Mary's) ...	1024·3	0	–	0	bc	42	85	9	4000	Cu	3	–	3	1
Falmouth	1024·4	0	N	2	bc	39	85	7	–	–	–	–	–	*
Plymouth	1024·7	0	NE	1	bc	34	92	7	–	–	–	–	–	*
Portland Bill	1023·5	0	–	0	bc	46	92	8	–	–	–	–	–	0
Calshot	1024·8	0	–	0	bc	36	97	7	–	–	–	–	–	0
Dungeness	1023·9	0	N	2	bc	36	97	5	–	–	–	–	–	2
Jersey (Guernsey 1h.)	1024·8	0	NE	2	bc	36	85	7	–	–	–	–	–	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 19th

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 18-19th	Rainfall.† Day 9h.-18h. 19th	Sunshine. Sunrise to 17h. 19th	Sunshine. Sunrise to Sunset 18th
					mm.	mm.	hr.	hr.
Banff	bc	bcc.o	49	37	–	–	4·8	5·2
Montrose	bc	bcc	50	34	–	–	7·7	5·3
Llandudno	bc b	bbcv	48	41	–	–	9·2	5·0
Colwyn Bay ...	b	b	46	40	–	–	3·1	3·3
Rhyl...	bc b	b-fc	47	39	–	–	9·8	4·7
Southport	b	bbc	48	34	–	–	11·0	6·0
Blackpool	bc c		49	34	–	–	10·6	5·1
Harrogate	bbcbc b	b bc c	51	33	–	–	6·7	4·5
Skegness	cop b.	b	49	41	0·3	–	10·2	9·4
Aberystwyth ...	c. bc	bbc	47	33	–	–	8·0	9·3
Bath	o.c	cbc	53	36	–	–	4·9	4·3
Leamington Spa ...	c.b	c.b	53	34	1	–	8·0	2·5
Lowestoft	bc b	bc	48	36	0·3	–	8·5	11·7
Felixstowe	c	bc	52	34	–	2	6·4	10·0
Southend	c bc c	cbccp	51	35	–	0·2	6·0	8·3

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 18-19th	Rainfall.† Day 9h.-18h. 19th	Sunshine. Sunrise to 17h. 19th	Sunshine. Sunrise to Sunset 18th
					mm.	mm.	hr.	hr.
Ilfracombe	bc	bc	50	42	–	–	10·7	10·5
Bude	w. bc. b	b	49	31	–	–	11·0	11·1
Penzance	bc	bc	51	41	–	–	11·0	10·4
Torquay	b3	b3. bc	51	36	–	–	9·9	7·6
Weymouth	c	cp	52	36	–	1	3·0	7·0
Bournemouth ...	–	–	50	37	4	2	7·0	7·1
Portsmouth (S'thsea)	bc	or	52	37	–	3	5·3	6·3
Worthing	b	c.bc	50	34	–	–	5·5	6·4
Brighton	c	cop	51	35	–	1	2·2	7·7
Eastbourne ...	bcc	or.oc	52	37	–	1	3·8	
Hastings	b bc	bbcrs	51	37	trace	2	7·2	9·4
Folkestone	bc		51	37	–	–	8·6	8·3
Tunbridge Wells ...	bbc	bc	53	37	–	–	6·7	6·7
Ramsgate	bc		48	38	–	–	8·0	11·6
Margate	bbc	cbcp	48	42	–	0·1	7·1	11·7

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 8. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.21,700 THURSDAY, 21st APRIL 1921.

Observations at 1300 G.M.T. 20th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1014.9	-2	W	3	Co	46	75	7	5750	CuNb	7	-	7	•
Stornoway	1014.8	-2	SW	6	Co+	50	65	8	750	St	10	•	10	•
Wick	1016.2	-2	SSW	2	bc	48	85	8	7250	StCu	4	CiCu	6	•
Castlebay	1015.8	-1	S	5	Co+	47	92	7	800	St	10	•	10	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1018.5	-3	S	3	bc+	51	65	8	4000	Cu	2	-	2	•
Malin Head	1016.3	-3	SW	3	Cov	54	92	8	4000	StCu	7	-	7	•
Renfrew	1019.1	-3	WSW	4	b-	53	55	8	2500	Cu	1	-	1	•
Leith	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	1020.3	-2	SSW	4	Co+	46	75	8	2500	Cu	10	•	10	•
Tynemouth	1020.4	-1	WNW	2	Co+	50	75	8	4000	Cu	2	A.St	8	•
Blacksod Point	1014.5	-2	SW	5	od	52	85	8	2500	CuNb	9	•	9	•
Donaghadee	1019.3	-2	W	2	bc-	54	85	8	4000	Cu	3	•	3	•
Birr Castle	1018.9	•	SW	2	Co+	53	75	7	7250	•	•	A.St	8	•
Baldonnell	1020.2	-2	SW	2	bc	54	85	8	4000	Cu	3	•	3	•
Holyhead	1021.5	-2	SSW	4	bc⊕	51	88	8	2500	Cu	1	Ci.St	2	•
Liverpool (Bidston)	1021.5	-2	WNW	1	bc	50	65	8	5750	CuNb	5	-	5	•
Manchester (Alex.Pk.)	1021.9	-2	NW	2	Co+	49	65	7	~~4000~~ 2500	CuNb	10	A.St	10	•
Howden	1021.2	-2	•	0	Co-	54	53	7	4000	StCu	4	A.St	7	•
Spurn Head	1020.6	-1	NNW	3	Co-	49	65	7	7250	StCu	8	•	8	•
Nottingham	1021.4	•	W	2	Co	52	75	8	4000	Cu	5	Ci.St	7	•
Cranwell	1021.9	-2	NNW	2	Co+	50	75	7	4000	Cu	6	A.St	10	•
Gorleston	1021.8	-2	?	2	Co+	46	75	7	7250	StCu	9	-	9	•
Pulham	1021.2	-2	WNW	2	Co	51	55	7	2500	CuNb	8	•	8	•
Felixstowe	1021.9	-3	WNW	3	Co+	52	55	8	4000	Cu	4	Ci.St	8	•
Valencia (Cahirciveen)	1019.6	-2	S	6	Cov	51	78	9	2500	StCu	7	•	7	•
Roches Point	1022.6	-1	SSW	3	bc+	51	75	8	1500	Cu	4	•	4	•
Pembroke (St.Ann's H.)	1023.9	-1	WSW	2	bc+	49	75	9	4000	Cu	1	A.Cu	3	•
Ross-on-Wye	1022.1	-3	NE	2	Co⊕	53	55	9	4000	Cu	5	Ci.St	8	•
Benson	1022.9	-3	NW	2	Co	49	55	6	5750	St	10	•	10	•
S. Farnborough	1022.7	-2	WNW	2	od+	49	65	8	1500	Nb	6	A.St	10	•
London	1022.1	-3	WSW	2	Co⊕	52	55	7	4000	Cu	4	Ci.St	10	•
Croydon	1022.3	-1	W	3	Co	49	55	7	2500	St	7	Ci.St	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	1022.0	-2	NW	1	Co+	51	65	6	1500	StCu	5	A.Cu	7	•
Grain	1022.1	-1	NW	1	Co+	49	65	5	5750	StCu	9	•	9	•
Lympne	1022.6	-2	SW	3	49-	43	85	8	2500	Nb	9	•	9	•
Scilly (St. Mary's)	1024.3	0	SW	1	bc	50	75	9	4000	Cu	2	•	2	•
Falmouth	1023.8	-2	SW	2	Co	51	65	8	-	CuNb	8	A.St	10	•
Plymouth	1023.7	-1	SW	3	Co+	50	75	8	5750	StCu	3	Ci.St	10	•
Portland Bill	1023.5	0	NNE	2	bc	48	92	8	-	•	•	Ci.Cu	3	•
Calshot	1023.4	-2	WSW	4	pr	47	75	8	3500	CuNb	4	A.Cu	8	•
Dungeness	1022.5	-2	WSW	3	bc+	50	97	6	2500	CuNb	7	•	7	•
Jersey	1024.7	0	SW	3	bc	51	65	8	2500	StCu	3	•	3	•

Observations at 1800 G.M.T. 20th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1013.6	-2	SW	4	Co+	45	75	7	-	-	-	Ci.St	10	2
Stornoway	1011.7	-4	SW	6	Co	48	75	7	450	St	10	-	10	4
Wick	1013.8	-3	SSE	3	bc	48	92	8	-	-	-	Ci.Cu	7	1
Castlebay	1012.7	-2	SSW	5	Co	49	97	7	800	St	10	-	10	4
Nairn	1013.9	•	W	1	bc	50	•	•	•	•	•	•	•	•
Aberdeen	1015.4	-2	S	3	Co+	48	75	8	4000	StCu	7	-	7	0
Malin Head	1013.8	-2	SSW	3	Co+	49	97	8	4000	StCu	9	-	9	1
Renfrew	1016.4	-2	SSW	3	bc	50	55	8	4000	StCu	3	Ci.St	4	•
Leith	1015.8	•	SW	2	Co-	52	55	8	4000	StCu	6	Ci	7	•
Eskdalemuir	1014.8	-3	SSW	4	Co-	45	75	8	4000	Cu	3	Ci	6	•
Tynemouth	1018.1	-2	W	2	Co+	51	65	6	5450	StCu	8	-	8	0
Blacksod Point	1012.8	-3	SW	5	opr	49	65	7	800	CuNb	8	-	8	4
Donaghadee	1016.7	-3	SSW	2	Co+	49	75	8	5450	StCu	2	ACu	7	1
Birr Castle	1016.7	•	SW	2	Co-	51	75	6	7250	~~7~~	~~7~~	ACu	7	•
Baldonnell	1017.5	-3	SSW	4	Co-	49	65	8	4000	StCu	3	A.St	6	•
Holyhead	1018.8	-3	SSW	4	bc	48	92	8	2500	Cu	1	Ci.St	5	0
Liverpool (Bidston)	1019.1	-2	-	0	Co+	48	65	9	5750	Cu	5	A.St	10	0
Manchester (Alex.Pk.)	1019.5	-3	W	1	Co+	49	65	5	5450	StCu	10	-	10	•
Howden	1018.7	-2	-	0	Co	49	85	6	4000	StCu	4	A.St	9	•
Spurn Head	1018.5	-2	E	3	Co+	46	75	7	7250	StCu	10	-	10	1
Nottingham	1019.4	•	NE	1	Co+	48	75	3	4000	StCu	7	Ci.St	10	•
Cranwell	1020.1	-1	NNW	1	Co	48	85	6	2500	Nb	10	•	10	•
Gorleston	1020.0	-2	-	0	Co+	46	75	7	4000	St	7	A.Cu	10	0
Pulham	1019.6	-1	-	0	Co	47	75	7	4000	StCu	10	-	10	•
Felixstowe	1020.0	-1	E	3	Co	47	75	7	7250	StCu	6	A.St	10	0
Valencia (Cahirciveen)	1016.5	-3	S	5	Co+	50	75	9	2500	StCu	8	-	8	4
Roches Point	1019.3	-4	SW	4	Co+	49	85	8	1500	StCu	6	ACu	10	3
Pembroke (St.Ann's H.)	1021.0	-2	WSW	2	bc	47	75	9	4000	Cu	3	•	3	2
Ross-on-Wye	1019.3	-3	-	0	Co+	50	55	9	4000	StCu	9	-	9	•
Benson	1019.5	-2	-	0	bc⊕	49	55	6	•	•	-	-	•	•
S. Farnborough	1020.2	-2	SW	3	Co/r	48	75	8	1500	StCu	7	A.St	10	•
London	1020.0	-3	SW	3	Co	50	65	6	5750	StCu	8	Ci.St	10	•
Croydon	1020.3	-3	~~WSW~~ SSW	2	Co	48	65	7	5750	StCu	5	Ci.St	10	•
Clacton-on-Sea	1019.2	-3	WNW	3	Co+	51	65	7	2500	-	-	A.St	4	0
Shoeburyness	1019.8	-2	SW	1	fb+	47	65	5	1500	St	5	A.Cu	7	•
Grain	1020.0	-2	SW	1	Co	47	75	5	5450	StCu	10	-	10	0
Lympne	1019.9	-3	WSW	2	opr	43	75	8	1500	Nb	6	A.St	10	•
Scilly (St. Mary's)	1020.6	-3	W	2	bc+	50	65	9	4000	Cu	4	-	4	1
Falmouth	1021.2	-3	WSW	3	bc	49	65	8	-	Cu	1	-	1	•
Plymouth	1021.2	-3	SW	4	bc-	48	75	8	-	-	-	-	-	•
Portland Bill	1021.0	-3	W	4	bc+	49	85	8	1500	Cu	5	-	5	3
Calshot	1020.8	-3	WSW	3	Co/r	47	75	7	5750	StCu	9	A.St	10	0
Dungeness	1020.6	-1	WNW	2	Co+	47	97	8	450	St	10	-	10	2
Jersey	1021.9	-2	WNW	3	bc	50	55	8	-	-	-	-	-	0

LONDON OBSERVATIONS

	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 HOURS ENDED 0900 G.M.T. 21st							YESTERDAY.		TO-DAY.
Kew										
Croydon } 25 hours ended 0700	form	oo	form	•	•	27	-	5.8	•	•
Greenwich (Royal Obsy.)	bc+bc	p	oo	•	•	28	trace	•	•	•
City (Bunhill Row)	o	o	o.c.	56	37	29	-	5.4	50	64
Westminster (St. James' Pk.)	•	•	•	•	•	•	•	3.2	•	•
Regents Pk. (Botanical Gdns.)	•	•	•	55	36	30		5.2	56	68
Camden Sq. (Brit. Rainfall)	•	•	•	•	•	•	•	4.2	•	•
Kensington Palace	bz	co	•	56	36	30	-	•	54	70
Hampstead Observatory	c	c	•	54	36	29	-	•	58 (98)	71
	•	•	•	52	36	27	-	5.8	•	71

ATMOSPHERIC POLLUTION.

Lbs. of Solid impurity per million cubic yards.

24 HR. ended 1800 G.M.T. 20th

South Kensington

Max.	Time.	Min.	Time.

Kew Observatory

Max.	Time.	Min.	Time.

SOLAR RADIATION.

Vertical component per square centimetre.

During yesterday.

South Kensington.

Total 1103 joules

Average Rate ? Milliwatts.

Maximum Rate 62 Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 20th 20 h. 15 m. to 21st 03 h. 45 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	7.30	0.54	12
Ursae Minoris	7.30	0.18	4

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

21st and 22nd April 1921.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.45	11.52	6.58
	4.43	11.52	7.0
Greenwich	4.55	11.59	7.3
	4.53	11.59	7.5
Wick	4.47	12.11	7.34
	4.45	12.11	7.36
Valencia	5.35	12.40	7.44
	5.34	12.40	7.46

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, *i.e.*, rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
r_0r_0 = continuous light rain.

SEA DISTURBANCE.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

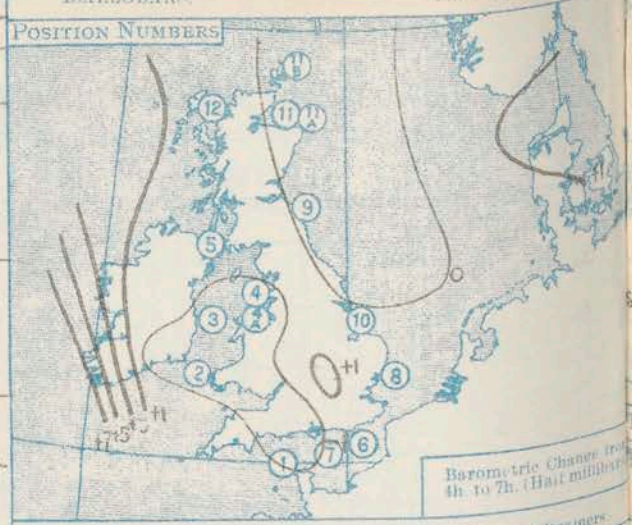
* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 20th	13h.-18h. 20th	18h. 20th to 1h. 21st	1h.-7h. 21st	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	SUN. Hours.
Lerwick	c	c	oo	c	45	43	•	-	-	-	•
Stornoway	c	oo	c	Tord	50	43	•	-	5	-	1·8
Wick	c	c	oo	oo	49	43	•	-	-	-	•
Castlebay	oo	oo	oo		49	43	•	-	3	-	0·8
Nairn	bc	bc	bc.c		57	39	•	-	-	-	12·4
Aberdeen	b or bc	b or bc	c		53	38	26	-	-	-	11·4
Malin Head	b or bc	c	c	p	54	42	•	-	0·2	5·30	6·8
Renfrew	b or bc	b or bc	oo	oo	54	45	41	-	-	-	11·3
Leith	c	c	oo		56	40	33	-	-	-	•
Eskdalemuir	c	c	c	oo	48	32	25	-	0·2	6·30	4·5
Tynemouth	b or bc	c	b or bc	b or bc	53	37	•	-	-	-	•
Blacksod Point	c	p	p	Tord	53	42	•	trace	11	4·0 2300	•
Donaghadee	b or bc	b or bc	c		50	42	•	-	-	-	*
Birr Castle	c	c	Tord		53	43	36	•	0·2	-	4·4
Baldonnell	b or bc	c	b or bc	b or bc	55	40	35	-	-	-	8·8
Holyhead	b or bc	b or bc	b or bc	c	53	43	39	-	-	-	11·7
Liverpool (Bidston)	c	b or bc	b or bc		50	35	30	-	-	-	5·1
Manchester (Alex.Pk.)	c	oo	b or bc		52	31	?	-	trace	-	•
Howden	oo	oo	oo	b or bc	55	28	19	-	-	-	5·8
Spurn Head	oo	c	oo	oo	51	42	•	-	-	-	•
Nottingham	c	c	c		54	40	34	-	-	-	3·8
Cranwell	c	oo	c	oo	53	39	32	-	-	-	7·4
Gorleston	c	c	oo	oo	49	40	40	-	-	-	8·0
Pulham	c	oo	oo	oo	54	40	?	-	-	-	9·7
Felixstowe	b or bc	oo	c	form	55	42	*	-	-	-	7·6
Valencia (Cahirciveen)	c	c	Tord	p	54	44	43	-	6	-	2·2
Roches Point	b or bc	c	c		52	48	•	-	1	3.30	•
Pembroke (St.Ann's H.)	b or bc	b or bc	c	c	50	43	•	-	-	-	12·0
Ross-on-Wye	c	c	c		55	31	25	-	-	-	6·8
Benson	c	c	b or bc		52	31	25	-	-	-	•
S. Farnborough	b or bc	Tord	b or bc		55	30	26	0·1	-	1730 -	5·0
Loudon	form	oo	form		53	38	27	•	-	-	5·8
Croydon	b or bc	p	oo	oo	53	36	28	trace	-	1430 -	•
Clacton-on-Sea	b or bc	b or bc	oo		54	42	38	-	-	-	7·7
Shoeburyness	form	c	form		54	38	39	-	-	-	6·4
Grain	form	form	oo		53	40	35	trace	-	1630 -	5·6
Lympne	?	p	oo	oo	50	38	34	2	-	1330 -	5·8
Scilly (St. Mary's)	b or bc	b or bc	b or bc	b or bc	52	40	•	-	-	-	10·8
Falmouth	c	b or bc	b or bc	b or bc	54	36	31	trace	-	11·0 -	9·3
Plymouth	b or bc	b or bc	b or bc		50	32	29	-	-	-	9·8
Portland Bill	b or bc	c	c	b or bc	50	42	*	-	-	-	•
Calshot	c	p	c	oo	51	39	31	0·1	-	1230 -	5·8
Dungeness	c	c	c	oo	52	38	•	0·5	-	1330 -	•
Jersey	b or bc	b or bc	b or bc	b or bc	52	38 ~~38~~ 4	•	-	-	-	12·0

ISALLOBARS. 21st APRIL 1921.

POSITION NUMBERS



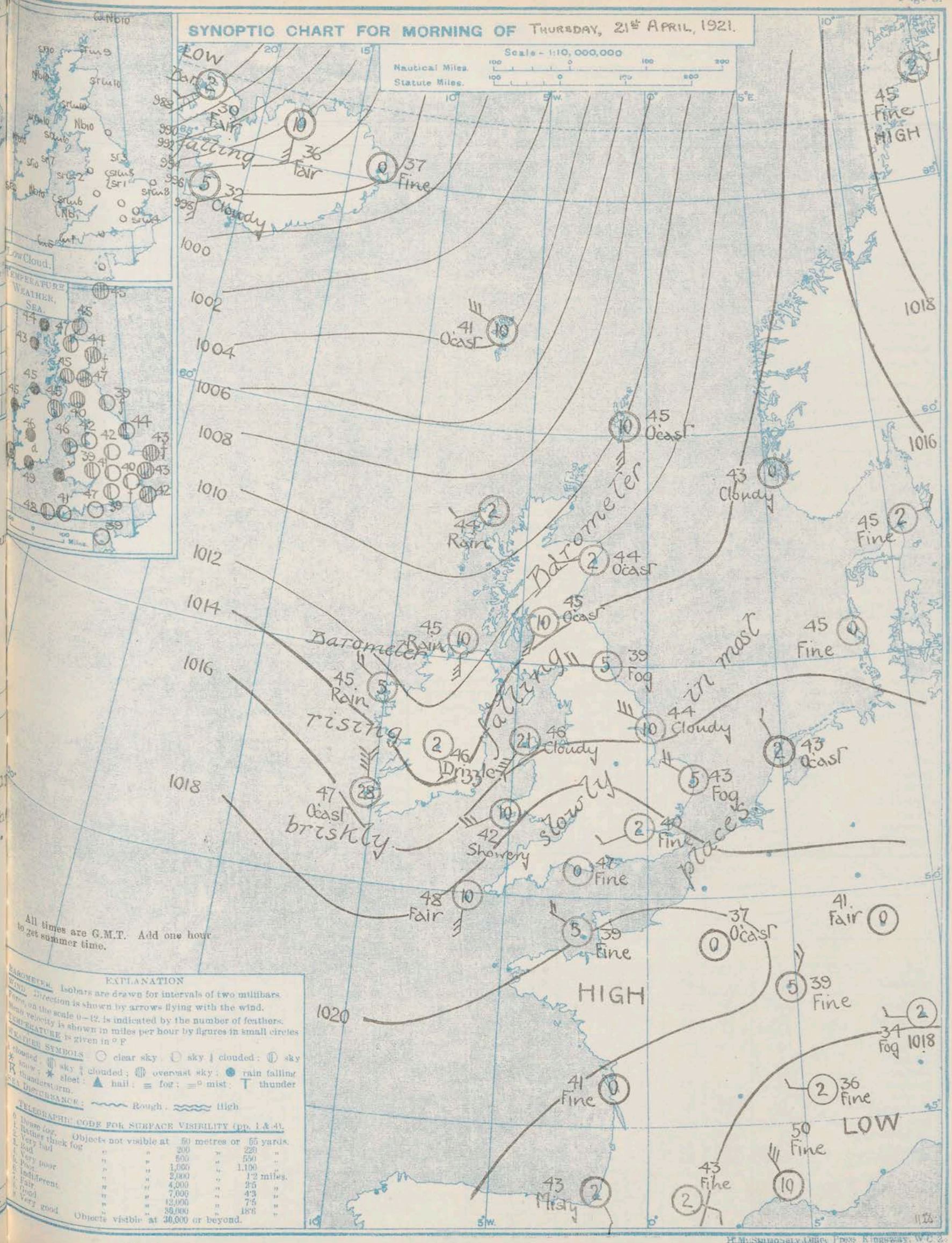
Temperature reported from Cross Channel and Coastal Steamers.

Position Number	44	3	6	8
Date	20th	20th	20th	20th
Time G.M.T.	0600	1015	1340	1318
Sea ° F	46	46	50	47
Air ° F	45	49	51	51

GENERAL INFERENCE.

A V-shaped depression over our Western districts will move Eastward and cause much cloud and some rain to spread over Great Britain, temperature will rise temporarily in the Eastern Districts.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Thursday 21st April 1921	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind SW. & S. veering to W. & NW, light or moderate; fair today then much cloud, some rain or showers; visibility mainly fair. Temperature rising, then falling again	Weather generally unsettled, with moderate or rather low temperature.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland	Wind SW to W or NW, moderate or light; much cloud, some rain or showers; visibility fair. Milder temporarily, then rather cold.	
12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides	Wind W. & NW, moderate or light; rain or showers, then fairer; visibility mainly fair; moderate or rather low temperature.	
16. Orkneys and Shetlands	Same as 1 - 4	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind mainly NW, backing later, moderate, fresh locally; variable sky, some showers of rain or hail; visibility fair. Rather cold.	



H.M. Stationery Office Press Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Thursday, 21st APRIL 1921. No. 111.

Observations at 0100 G.M.T. 21st

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1012·4	-3	S	2	co	44	75	6	4000	StCu	10	–	10	*
Stornoway	1011·5	0	SW	4	co	*	*	6	*	*	*	*	*	*
Wick	1011·5	-2	SW	2	co	45	92	8	4000	StCu	10	–	10	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1011·1	-4	SSW	3	co	42	97	8	4000	StCu	10	–	10	*
Renfrew	1014·6	-3	SSW	3	co	45	85	7	4000	StCu	10	–	10	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1017·0	-3	–	0	co+	35	65	6	1500	St	10	–	10	*
Tynemouth	1017·3	-1	W	1	bc	41	75	7	–	–	–	–	–	*
Blacksod Point ...	1009·5	-4	S	5	prₒ	48	92	7	800	StCu	8	–	8	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1016·5	-2	S	4	bc+	41	85	8	2500	Cu	1	Ci St	3	*
Holyhead	1017·0	-1	SSW	5	co+	*	*	8	2500	StCu	9	–	9	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	1018·2	-1	–	0	co-	36	97	6	4000	St	4	a Cu	7	*
Spurn Head	1017·1	-1	WNW	2	co	45	92	7	45	St	10	–	10	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1018·7	-2	W	1	co	42	85	6	2500	St	10	–	10	*
Gorleston	1018·2	-2	W	2	co	43	75	7	7250	StCu	10	–	10	*
Pulham	1017·9	-2	–	0	co	44	92	6	4000	St	7	a St	10	*
Felixstowe	1018·8	-2	–	0	co	45	97	7	7250	StCu	3	a St	10	*
Valencia (Cahirciveen)	1012·6	-3	SE	3	prₒ	48	*	7	1500	Nb	5	–	?10	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1019·0	-2	SW	3	bc-	46	75	9	–	–	–	–	3	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London	1018·6	-1	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1019·5	-2	W	2	co	42	85	7	–	–	–	a Cu	10	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1018·2	-3	NW	1	co	39	92	7	2500	StCu	2	a Cu	10	*
Scilly (St. Mary's) ...	1018·8	-1	SW	2	bc	46	85	9	4000	Cu	4	–	4	*
Falmouth	1020·1	-3	–	0	bc	39	85	8	–	Cu	2	–	2	*
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	?	0	WSW	4	bc	47	85	8	1500	Cu	4	–	4	*
Calshot	1019·7	-2	–	0	co+	41	92	8	7250	StCu	3	a Cu	10	*
Dungeness	1018·9	-1	WNW	1	co+	41	97	7	?	–	–	a St	8	*
Jersey (Guernsey Th.)	1022·6	-1	W	1	bc	42	85	8	–	–	–	–	–	*

Observations at 0700 G.M.T. 21st

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1010·7	-2	S	3	co	45	92	5	5750	CuNb	10	–	10	1
Stornoway	1009·0	+2	WSW	1	r-	44	92	5	450	St	10	–	10	0
Wick	1009·8	-2	SSW	2	co+	45	92	8	5750	StCu	9	–	9	0
Castlebay	1010·5	+1	NW	4	rr	43	97	5	450	Nb	10	–	10	4
Nairn	1010·4	*	–	0	cg	47	*	*	*	–	*	–	*	1
Aberdeen	1013·3	0	W	1	fo+	44	85	5	4000	StCu	10	–	10	0
Malin Head	1010·5	0	S	3	rₒ	45	97	8	4000	StCu	10	–	10	2
Renfrew	1013·8	0	SSW	2	co	45	85	6	5750	StCu	7	–	?	*
Leith	1013·7	-1	SW	3	co	47	85	8	–	?	?	–	10	*
Eskdalemuir	1015·2	0	S	3	δₒδₒ	40	97	6	1500	Nb	10	a Cu	4	0
Tynemouth	1015·5	-1	W	2	fb-	39	85	5	–	–	–		10	0
Blacksod Point ...	1012·5	+6	NW	2	r-	45	85	8	4000	Nb	10	–	10	1
Donaghadee	1014·6	-1	SW	3	co+	45	85	8	4000	StCu	10	–	*	*
Birr Castle	1012·4	*	SSE	1	δₒδₒ	46	92	6	450	St	10	–	*	*
Baldonnell	1014·1	0	S	4	co	46	85	8	2500	St	7	a St	9	1
Holyhead	1015·7	-1	SSW	5	co V	46	92	9	2500	Cu	2	a Cu	8	0
Liverpool (Bidston) ...	1016·0	-2	SSW	1	bc	42	75	7	–	–	–	Ci St	1	*
Manchester (Alex.Pk.)	1017·2	0	SSE	2	bc	39	92	8	–	–	–	Ci	2	*
Howden	1017·4	0	–	0	bc	35	97	4	2500	St	3	–	3	*
Spurn Head	1015·9	-1	WNW	3	co	44	75	7	2500	? StCu	6	a Cu	8	1
Nottingham	1017·4	*	W	1	bc-	42	92	3	–	–	–	a Cu	1	*
Cranwell	1018·4	0	WSW	1	co-	43	85	6	2500	StCu	8	–	9	0
Gorleston	1017·9	-1	WNW	2	fo	43	75	4	–	–	–	a St	10	*
Pulham	1017·1	0	–	0	co	43	85	6	4000	St	4	a Cu	10	0
Felixstowe	1018·2	0	NW	2	co	44	85	6	7250	StCu	8	a St	10	*
Valencia (Cahirciveen)	1015·4	+8	N	6	co	47	75	8	1500	St	10	–	10	4
Roches Point	1014·8	-2	SSW	4	rₒ	49	97	7	1500	Nb	10	–	10	3
Pembroke (St. Ann's H.)	1017·3	-1	SW	3	prₒ	42	75	9	5750	StCu	6	–	8	2
Ross-on-Wye	1018·3	0	–	0	co-	39	85	6	–	–	–	Cu	6	*
Benson	1018·3	+1	–	0	bc-	41	92	5	–	–	–	a Cu	3	*
S. Farnborough ...	1018·2	+1	NW	2	bc+	39	92	8	–	–	–	a Cu	5	*
London	1018·2	0	SW	1	fb-	40	85	5	–	–	–	Ci St	3	*
Croydon	1019·0	0	WSW	3	bc	41	75	6	–	–	–	Ci St	5	*
Clacton-on-Sea ...	1017·2	0	W	3	co	43	85	6	7250	StCu	8	a St	10	0
Shoeburyness	1017·6	-1	W	1	ffb	42	75	3	2500	StCu	10	–	10	*
Grain	1017·9	0	W	2	co	43	85	5	5750	StCu	4	a St	10	0
Lympne	1017·5	-1	NW	2	co	40	97	7	4000	StCu	4	a Cu	10	*
Scilly (St. Mary's) ...	1018·1	0	S	3	bc	48	75	9	4000	Cu	5	–	5	*
Falmouth	1018·5	0	SW	2	bc	41	78	8	–	Cu	1	–	1	*
Plymouth	1018·8	0	?	1	bc	37	92	8	4000	Cu	1	Ci St	3	0
Portland Bill	1018·7	-2	–	0	bc	47	85	8	–	–	–	–	–	0
Calshot	1019·1	-1	–	0	co	43	85	7	–	–	–	Ci St	10	0
Dungeness	1017·3	0	–	0	co-	42	97	7	4000	St	5	a Cu	9	1
Jersey (Guernsey Th.)	1019·5	0	WNW	2	bc	39	92	7	–	–	–	–	–	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 20th April 1921

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 19th-20th mm.	Rainfall.† Day 9h.-18h. 20th mm.	Sunshine. Sunrise to 17h. 20th hr.	Sunshine. Sunrise to Sunset. 19th hr.
Banff	b	b.bc	54	35	-	-	9.9	4.8
Montrose	b	bc	53	33	-	-	8.7	8.3
Llandudno	cc	ccbb	52	33	-	-	5.1	9.2
Colwyn Bay ...	bc	bc	48	32	-	-	1.5	4.5
Rhyl	c.bc	c.bc.c	52	30	-	-	2.6	9.9
Southport	o	bc c	54	37	-	-	7.3	11.2
Blackpool								
Harrogate	b.bc	bc	52	32	-	-	4.8	8.6
Skegness	omb.bc	bc.co	52	33	-	-	6.7	11.6
Aberystwyth ...	cbb	bco	51	37	-	-	9.0	8.0
Bath	b.bc.c	b.bc	54	28	-	-	6.3	4.9
Leamington Spa ...								
Lowestoft	bc.co	oco	50	35	-	-	5.8	9.5
Felixstowe	bm	og	54	33	-	-	7.9	7.7
Southend	blve	bc.co	56	32	-	-	7.4	7.0
Ilfracombe	b	b	50	38	-	-	10.6	10.7
Bude	x.bc.c	bc.c	52	30	-	-	8.2	12.0
Penzance	bc	bc	53	35	-	-	11.2	12.3
Torquay	w.bg	bccy	53	36	-	-	6.1	10.3
Weymouth	b	dco	56	32	1	-	9.2	3.0
Bournemouth ...	b.bc	co	53	31	-	1	5.8	7.0
Portsmouth (S'thsea)	b	bco	54	32	-	-	7.8	6.1
Worthing	b.bc	bc.c	53	31	-	-	6.5	5.5
Brighton	b.bc.c	c.o	51	33	-	-	6.0	2.2
Eastbourne	b.bc	bc.c	52	32	-	-	9.3	4.0
Hastings	b.bc.c	copco	51	36	-	1	6.2	7.4
Folkestone ...	bc	orc	50	35	-	1	5.1	9.9
Tunbridge Wells ...	b.bc	co	52	28	0.3	-	5.8	7.0
Ramsgate	bc	o	51	32	-	-	6.5	8.4
Margate	bc.b.bc	b.bc.c	53	36	-	-	6.9	7.1

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 8. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.21,701 FRIDAY 22nd APRIL 1921.

Observations at 1300 G.M.T. 21st

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1006.9	-2	S	3	c-	46	92	5	5750	Cu Nb	5	-	8	*
Stornoway	1011.4	+4	WNW	1	o/r	45	85	6	450	St.	10	-	10	*
Wick	1009.5	0	NW	3	od+	49	92	8	1500	St.	4	A.St	10	*
Castlebay	1014.3	+3	NW	3	bc/r	47	85	7	1500	St.	1	-	2	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1001.8	-1	SW	3	c-	54	65	8	4000	St.Cu	7	-	7	*
Malin Head	1014.6	+3	NW	3	bc	47	92	8	-	-	-	A.Cu	6	*
Renfrew	1013.2	+1	SW	3	o	51	75	7	1500	St.Cu	7	-	10	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1014.3	-1	SSW	4	o/r	46	85	7	-	St.	10	-	10	*
Tynemouth	1014.5	-1	-	0	o	51	65	8	4000	St.Cu	9	-	9	*
Blacksod Point	1017.3	+7	NW	3	b	49	65	8	5750	-	-	A.Cu	3	*
Donaghadee	1014.7	0	W	1	o pr.	46	85	8	4000	-	-	A.St	10	*
Birr Castle	1016.3	*	NW	3	c-	47	75	7	2500	Cu Nb	8	-	8	*
Baldonnell	1014.0	0	SW	4	or	51	85	7	1500	St.	10	-	10	*
Holyhead	1015.5	0	SSW	3	o	50	92	8	1500	St.Cu	10	-	10	*
Liverpool (Bidston)	1015.9	-1	W	1	o	49	75	6	5750	Cu Nb	6	-	10	*
Manchester (Alex.Pk.)	1016.3	0	SW	3	o	51	85	9	2500	St.Cu	10	-	10	*
Howden	1015.3	-2	SW	1	c+	55	85	6	4000	Cu	6	Ci.St	7	*
Spurn Head	1015.8	0	S	3	c	48	92	7	7250	Cu	7	-	7	*
Nottingham	1016.5	*	W	3	bc	51	65	5	4000	Cu	5	-	5	*
Cranwell	1016.8	-1	WSW	4	bc	54	85	7	4000	Cu	4	Ci.St	5	*
Gorleston	1017.5	0	SSW	3	o	48	85	7	7250	St.Cu	10	-	10	*
Pulham	1017.0	0	-	0	o	51	65	7	4000	St.Cu	10	-	10	*
Felixstowe	1017.9	-1	SSE	3	o	49	75	6	7250	St.Cu	8	A.St	10	*
Valencia (Cahirciveen)	1019.6	+4	NNW	6	bv	50	55	9	4000	Cu	2	-	2	*
Roches Point	1016.6	+4	N	5	c-	50	75	9	1500	Cu	8	-	8	*
Pembroke (St.Ann's H.)	1017.2	0	SW	3	o	50	85	8	5750	St.Cu	9	-	9	*
Ross-on-Wye	1017.2	-1	W	3	o	51	65	9	4000	St.Cu	8	-	10	*
Benson	1017.4	-1	WNW	2	bc	53	55	8	-	St.Cu	3	Ci	4	*
S. Farnborough	1017.7	-1	SW	2	c	54	45	8	4000	Cu	7	-	7	*
London	1017.3	+2	W	2	bc+	53	45	8	4000	Cu	6	-	6	*
Croydon	1017.9	-2	W	3	c	53	55	8	4000	St.Cu	7	-	7	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1017.4	-1	WNW	1	o	50	65	5	2500	St.Cu	4	-	9	*
Grain	1017.3	-1	-	0	o	52	65	4	5750	St.Cu	9	-	9	*
Lympne	1016.9	-1	NW	2	o	51	65	7	4000	St.Cu	8	A.Cu	9	*
Scilly (St. Mary's)	1017.6	0	SW	3	o	52	75	9	4000	Cu	3	-	9	*
Falmouth	1018.5	+1	SW	4	o	52	65	8	-	St.Cu	7	A.St	10	*
Plymouth	1018.5	0	SW	4	o	51	75	9	5750	St.Cu	9	Ci.St	10	*
Portland Bill	1018.7	0	WSW	2	b	49	85	8	-	-	-	Ci.Cu	2	*
Calshot	1018.5	0	WSW	4	c	51	65	9	4000	Cu	6	Ci.St	7	*
Dungeness	1017.1	-1	SW	3	c	53	?	7	5750	Cu	7	-	7	*
Jersey	1019.8	0	SW	3	b	52	75	8	2500	St.Cu	1	-	1	*

Observations at 1800 G.M.T. 21st

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1010.9	+2	NW	3	or	41	85	6	5750	Nb	10	-	10	7
Stornoway	1014.0	+2	W	4	bc-	46	65	7	2500	Cu	6	-	6	1
Wick	1012.1	+4	NW	2	c-	45	85	8	2500	St.	6	-	8	0
Castlebay	1016.1	+2	WNW	4	b+	47	75	8	2500	St.	2	-	3	3
Nairn	1013.5	*	WNW	2	bc	47	*	*	*	*	*	*	*	*
Aberdeen	1013.9	+5	NW	5	or.r.	43	92	8	2500	Nb	10	-	10	0
Malin Head	1016.3	+3	WSW	2	b	47	92	8	2500	Cu	3	-	3	1
Renfrew	1014.8	+2	W	3	bc-	49	55	8	4000	Cu	4	-	4	*
Leith	1013.6	*	W	3	o	50	75	9	-	St.Cu	10	-	10	*
Eskdalemuir	1014.7	+1	NW	4	c-	44	85	7	7250	St.Cu	9	-	9	*
Tynemouth	1014.3	0	W	1	o	52	65	6	-	-	-	A.St	10	0
Blacksod Point	1019.0	+2	NW	2	bc	49	65	8	4000	Cu	4	-	4	1
Donaghadee	1017.2	+3	N	3	b/r	49	75	8	5750	-	-	A.Cu	1	0
Birr Castle	1018.7	*	NW	2	bc-	50	65	6	1500	Cu	6	-	6	*
Baldonnell	1017.8	+3	N	2	o	47	85	8	2500	St.Cu	8	-	10	*
Holyhead	1015.6	0	SSW	3	or	48	97	6	450	Nb	10	-	10	0
Liverpool (Bidston)	1016.0	0	WNW	1	o/r	47	85	8	2500	St.	7	-	10	0
Manchester (Alex.Pk.)	1016.4	0	SSW	2	o/r	49	75	8	1500	Nb	4	-	10	*
Howden	1015.9	+1	NNW	1	o	49	75	6	4000	St.Cu	7	A.St	10	*
Spurn Head	1015.8	0	NW	2	c	48	85	6	5750	St.Cu	8	-	8	1
Nottingham	1016.7	*	W	2	o	51	75	4	5750	St.Cu	6	Ci.St	10	*
Cranwell	1017.2	+1	W	3	o	51	85	8	4000	St.Cu	9	-	9	*
Gorleston	1017.3	0	S	3	o	48	85	5	-	-	-	A.St	10	0
Pulham	1016.6	0	-	0	c	52	75	7	4000	St.Cu	8	-	8	*
Felixstowe	1017.7	0	S	3	bc-	48	85	7	7250	St.Cu	4	A.Cu	5	0
Valencia (Cahirciveen)	1022.0	+3	NNW	5	bv	48	65	9	4000	Cu	3	-	3	4
Roches Point	1019.4	+4	NNW	4	bc-	50	85	8	2500	St.Cu	4	A.Cu	6	3
Pembroke (St.Ann's H.)	1017.2	0	S	3	od.	48	97	7	4000	Nb	10	-	10	3
Ross-on-Wye	1017.3	0	W	2	o	51	65	8	4000	St.Cu	8	-	10	*
Benson	1017.1	0	WNW	1	o	51	85	7	-	St.	10	-	10	*
S. Farnborough	1017.3	0	W	2	c	55	65	6	2500	St.Cu	3	A.Cu	7	*
London	1017.1	0	W	3	bc+	54	45	8	4000	St.Cu	2	Ci	2	*
Croydon	1017.7	+1	WNW	2	c-	53	55	8	5750	Cu	3	Ci	7	*
Clacton-on-Sea	1016.8	0	S	3	c	49	85	6	7250	St.Cu	8	-	8	0
Shoeburyness	1017.0	-1	-	0	bc/+	50	65	4	4000	St.Cu	4	A.Cu	6	*
Grain	1017.1	0	-	0	o	51	75	8	2500	St.Cu	9	-	9	0
Lympne	1017.3	0	WSW	2	o	49	75	9	5750	St.Cu	9	A.St	10	*
Scilly (St. Mary's)	1018.7	0	W	4	o	49	97	8	1500	St.	10	-	10	4
Falmouth	1018.4	0	WSW	3	o	50	75	8	-	St.Cu	7	A.St	9	*
Plymouth	1018.9	0	SW	1	odd	46	85	8	4000	St.Cu	6	A.Cu	9	*
Portland Bill	1018.7	0	WSW	3	bc+	48	85	8	-	-	-	A.Cu	5	3
Calshot	1018.4	0	WSW	3	o+	49	75	8	7250	St.Cu	7	Ci.St	9	0
Dungeness	1017.1	0	WSW	3	c	49	97	8	7250	-	-	A.Cu	7	3
Jersey	1019.4	0	WNW	3	c	51	65	8	-	-	-	Ci	7	0

LONDON OBSERVATIONS

	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 HOURS ENDED 0900 G.M.T. 22nd							YESTERDAY.	TO-DAY.	
Kew	bc bc	bc bc	c	*	*	35	-	10.3	*	*
Croydon } 24 hours ended 0700	c	c	oo	*	*	31	-	*	*	*
Greenwich (Royal Obsy.)	c	o	c	61	44	32	-	8.0	48	61
City (Bunhill Row)	*	*	*	*	*	*	*	6.8	*	*
Westminster (St. James' Pk.)	*	*	*	58	43	37	-	8.4	52	65
Regents Pk. (Botanical Gdns.)	*	*	*	*	*	*	*	8.6	*	*
Camden Sq. (Brit. Rainfall)	bc bc	bc	*	60	43	36	-	*	46	64
Kensington Palace	bc	bc	*	58	44	38	-	*	48 (18h)	70
Hampstead Observatory	*	*	*	57	43	34	-	10.6	*	74

ATMOSPHERIC POLLUTION. Lbs. of Solid impurity per million cubic yards.

24 HR. ended 1600 G.M.T. 21st

South Kensington

Max.	Time.	Min.	Time.
1	20th 1900	½	21st 0400
2	21st 0800		

Kew Observatory

Max.	Time.	Min.	Time.
1	20th 2000	<½	20th 2359
1	21st 0600		

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total 1483 joules

Average Rate 29.7 Milliwatts.

Maximum Rate 82 Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 21st 20h 15m to 22nd 03h 45m

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	7.30	0.23	5
δ Ursae Minoris	7.30	0.12	3

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

22nd and 23rd April 1921.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.43	11.52	7.0
	4.41	11.51	7.1
Greenwich	4.53	11.59	7.5
	4.51	11.58	7.6
Wick	4.45	12.11	7.36
	4.43	12.10	7.38
Valencia	5.33	12.40	7.46
	5.31	12.39	7.48

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, *i.e.*, rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
r.r.o. = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

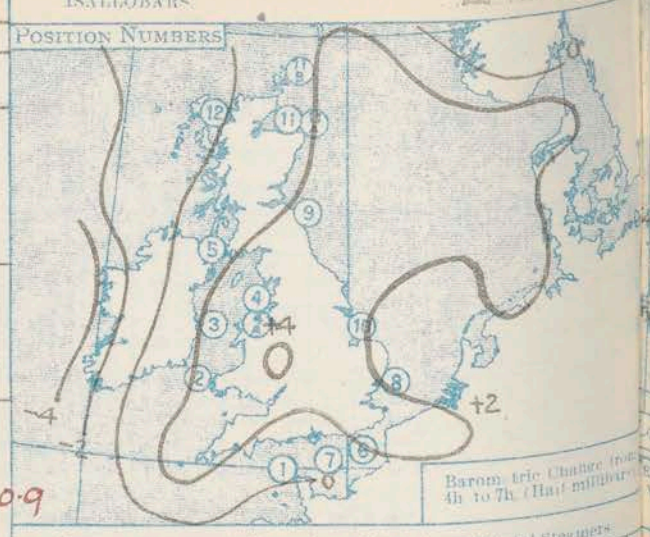
Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 21st	13h.-18h. 21st	18h. 21st to 1h. 22nd	1h.-7h. 22nd	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	SUN. Hours.
Lerwick	c	r or d	p	bor bc	48	37	*	2	3	1630 2200	*
Stornoway	r or d	c	bor bc	p	50	36	*	2	1	-	5.2
Wick	c	r or d	bor bc	c	51	34	*	2	-	1330 -	*
Castlebay	r or d	b or bc	bor bc		47	42	*	1	-	-	7.1
Nairn	bcpgc	prcbc	bcx		56	34	*	2	-	-	4.7
Aberdeen	f or m	r or d	bor bc		54	35	24	2	0.3	1630 -	0.4
Malin Head	p	b or bc	bor bc	c	48	42	*	1	1	-	6.5
Renfrew	oo	c	bor bc	bor bc	51	30	18	0.1	-	1530 -	2.5
Leith	c	c	bor	bc	55	35	27	-	-	-	*
Eskdalemuir	r or d	?	bor bc	bor bc	48	23	18	2	-	-	0.8
Tynemouth	b or bc	c	p	bor bc	56	38	*	-	0.4	-	*
Blacksod Point ...	b or bc	b or bc	bor bc	bor bc	50	40	*	-	-	-	*
Donaghadee	oo	p	bor bc		51	33	*	1	-	-	*
Birr Castle	r or d	c	c		51	30	22	2	-	0900 -	3.5
Baldonnell	r or d	oo	bor bc	bor bc	51	33	33	1	-	0900	0.9
Holyhead	c	f or m	c	bor bc	53	42	36	2	3	1330 -	4.4
Liverpool (Ridston) ...	c	p	bor bc		53	41	34	trace	2	1530 2200	4.5
Manchester (Alex. Pk.)	c	r or d	bor bc		53	39	32	trace	1	1630 -	*
Howden	b or bc	oo	r or d	oo	55	41	33	-	2	0130	7.0
Spurn Head	c	b or bc	oo	p	48	42	*	-	0.4	-	*
Nottingham	c	c	p		55	44	43	-	1	2400	6.6
Cranwell	b or bc	c	oo	r or d	56	43	42	-	0.6	2400	8.4
Gorleston	oo	oo	bor bc	oo	51	48	38	-	-	-	1.5
Pulham	oo	c	bor bc	oo	54	37	26	-	-	-	0.9
Felixstowe	oo	oo	c	c	53	42	*	-	-	-	0.8
Valencia (Cahirciveen)	b or bc	b or bc	oo	bor bc	51	37	35	-	-	-	9.3
Roches Point	r or d	r or d	bor bc		52	38	*	1	0.1	-	*
Pembroke (St. Ann's H.)	c	c	c	bor bc	51	41	*	0.1	-	1730 -	1.3
Ross-on-Wye	b or bc	oo	oo		55	42	41	-	2	05.30	5.5
Benson	b or bc	c	oo		57	42	36	-	-	-	*
S. Farnborough ...	b or bc	c	c		60	39	33	-	-	-	11.3
London	b or bc	bor bc	c		56	44	35	-	-	-	10.3
Croydon	c	c	oo	oo	56	41	31	-	-	-	*
Clacton-on-Sea ...	c	c	c		53	42	34	-	-	-	1.1
Shoeburyness	f or m	c	bor bc		55	41	31	-	1	06.30	1.0
Grain	oo	oo	oo		55	41	35	-	-	-	0.5
Lympne	oo	oo	oo	oo	52	38	35	-	-	-	2.6
Scilly (St. Mary's) ...	b or bc	oo	bor bc	bor bc	55	45	*	-	-	-	3.3
Falmouth	c	oo	r or d	c	55	42	39	-	0.5	2200	5.2
Plymouth	c	oo	c		52	43	35	-	0.2	2200	7.5
Portland Bill	b or bc	c	c	c	50	41	*	-	-	-	*
Calshot	c	c	oo	oo	53	42	37	-	-	-	9.7
Dungeness	c	c	c	c	55	39	*	-	-	-	*
Jersey	b or bc	b or bc	bor bc	bor bc	54	37	*	-	-	-	12.9

ISALLOBARS. 22nd APRIL 1921.



Temperature reported from Cross Channel and Coastal Steamers

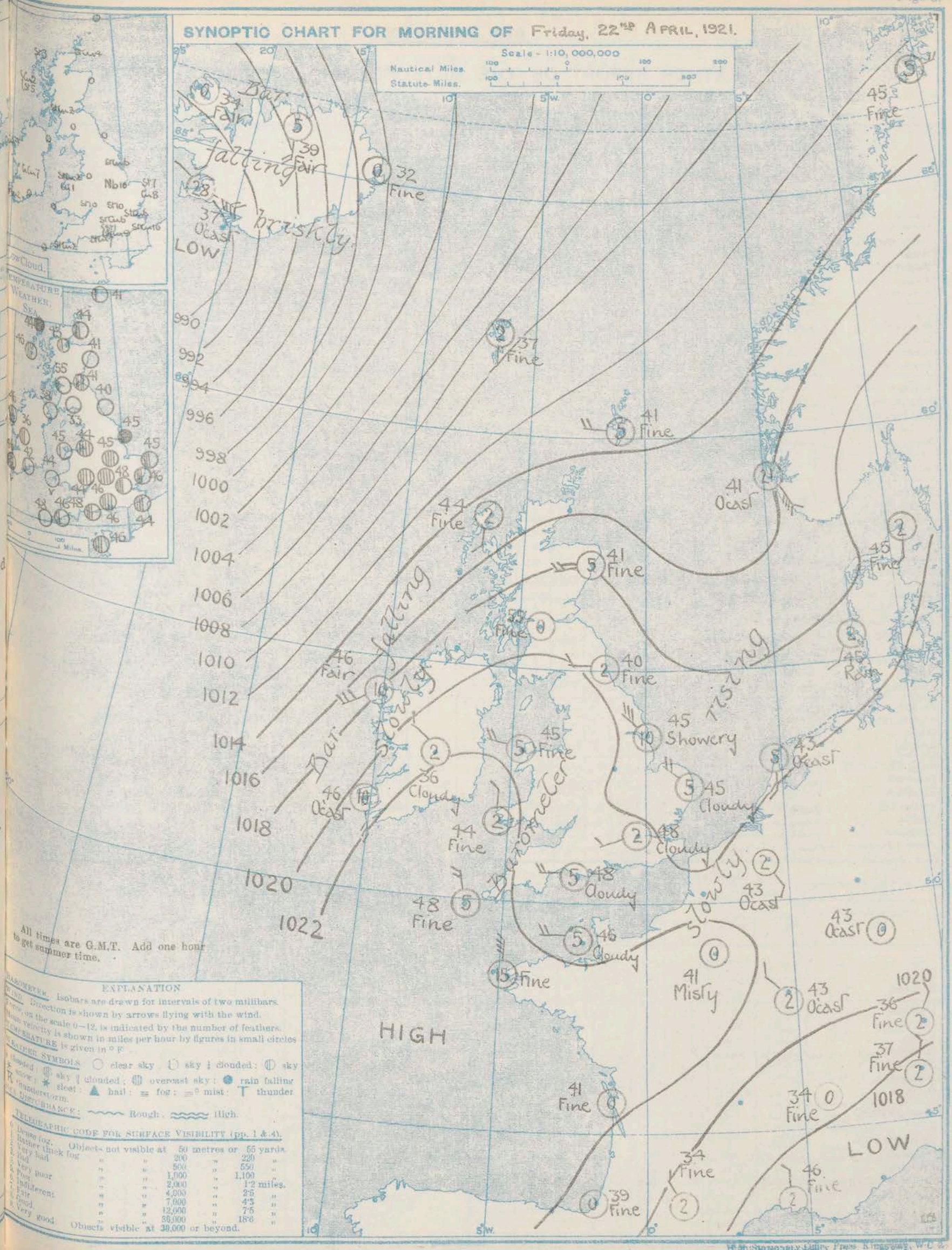
Position Number	12	4a	3	8
Date	21st	21st	21st	21st
Time G.M.T.	0500	0600	0900	1415
Sea °F	47	46	48	47
Air °F	50	47	48	48

GENERAL INFERENCE.

A ridge of high pressure moving Eastward over Great Britain will be accompanied by generally fair weather today, but it will probably be followed by a depression from the Westward, and unsettled conditions are therefore to be expected shortly.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 22nd April, 1921.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind light N.W., backing later to W. and S.W.; fair today, becoming cloudy or overcast to-morrow - perhaps some rain, visibility fair; temperature rising.	Wind between West and South. Temperature higher than of late.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Wind between W. and S., light to moderate; fair, then becoming cloudy or overcast, with some rain or drizzle; visibility fair; temperature rising.	
9. N. Midlands 10. N.E. England	Same as 1 - 4.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind mainly S.W., light or moderate; variable to overcast sky, some rain or showers later; visibility fair; temperature rising.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind S. and S.W., light or moderate, fresh locally; mainly overcast, some rain, visibility fair generally; temperature rising.	

R.S.



All times are G.M.T. Add one hour to get summer time.

EXPLANATION

BAROMETER. Isobars are drawn for intervals of two millibars.

WIND. Direction is shown by arrows flying with the wind. Force, on the scale 0–12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.

TEMPERATURE is given in ° F.

WEATHER SYMBOLS: ○ clear sky; ◐ sky ¼ clouded; ◑ sky ½ clouded; ◕ sky ¾ clouded; ● overcast sky; ● rain falling; R snow; ✱ sleet; ▲ hail; ≡ fog; ≡° mist; T thunder; ⚡ thunderstorm.

SEA DISTURBANCE: ~~~ Rough; ≈≈≈ High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (pp. 1 & 4).

0	Dense fog.	Objects not visible at	50	metres or	55	yards
1	Rather thick fog	"	200	"	220	"
2	Very bad	"	500	"	550	"
3	Bad	"	1,000	"	1,100	"
4	Very poor	"	2,000	"	1·2	miles.
5	Poor	"	4,000	"	2·5	"
6	Indifferent	"	7,000	"	4·3	"
7	Fair	"	12,000	"	7·5	"
8	Good	"	36,000	"	18·6	"
9	Very good	Objects visible at 36,000 or beyond.				

H.M. Stationery Office Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.. FRIDAY.....22ND APRIL.....1921. No. 112.

Observations at 0100 G.M.T.....22ND.....

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1011·5	+1	NW	3	b/r	39	85	7	4000	Cu	3	–	3	*
Stornoway	1016·6	+3	W	1	bc–	*	*	7	*	*	*	*	*	*
Wick	1015·0	+1	W	2	b	35	97	9	4000	Cu	2	–	2	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1019·2	+2	SW	2	bc+	44	97	8	2500	Cu Nb	3	Ci Cu	4	*
Renfrew	1018·8	+2	WSW	2	b	34	85	8	–	–	–	–	–	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1019·1	+2	–	0	b	33	85	8	–	–	–	–	–	*
Tynemouth	1017·6	+2	WNW	2	b–	42	92	8	800	Cu	1	–	1	*
Blacksod Point ...	1019·3	–2	W	1	bc	44	92	7	–	Cu	5	–	5	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1021·8	+3	S	2	b	34	92	8	–	–	–	–	–	*
Holyhead	1019·9	+1	NNE	4	b/r	*	*	8	*	*	*	*	*	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	1017·5	+1	–	0	o/r	~~54~~ 44	97	4	800	Nb	7	a Cu	9	*
Spurn Head	1017·3	+1	WNW	2	o	46	85	6	–	–	–	a St	10	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1018·3	0	W	2	oδ_o	45	97	7	4000	St Cu	7	a St	10	*
Gorleston	1018·3	+1	WNW	2	o+	45	75	7	–	–	–	a St	10	*
Pulham	1018·5	+1	–	0	o	44	85	6	4000	St	10	–	10	*
Felixstowe	1019·2	+1	WNW	1	ffo	45	92	6	7250	St Cu	10	–	10	*
Valencia (Cahirciveen)	1024·9	0	NNW	2	c	45	*	5	–	St Cu	7	–	7	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1020·5	+2	NNW	3	bc–	44	85	8	–	–	–	a Cu	4	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London	1019·0	+1	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1018·6	0	W	3	o	45	75	8	5750	St Cu	10	–	10	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1018·8	+1	NW	2	c–	39	92	8	5750	St Cu	4	a St	8	–
Scilly (St. Mary's) ...	1021·5	+1	NNW	3	b–	47	97	8	4000	Cu	2	–	2	*
Falmouth	1020·7	0	WSW	2	o	46	92	8	–	Nb	9	–	9	*
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1019·3	+1	W	2	c	48	85	8	1500	St Cu	7	–	7	*
Calshot	1020·0	0	W	1	o	46	85	8	5750	St Cu	10	–	10	*
Dungeness	1018·8	+1	NNW	2	b	39	97	7	–	–	–	–	–	*
Jersey (Guernsey 1h.)	1021·4	+2	WSW	2	b	44	85	8	–	–	–	–	–	*

Observations at 0700 G.M.T.....22ND.....

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1013·0	+2	W	2	b	41	85	8	–	–	–	a Cu	2	1
Stornoway	1014·3	–1	SSW	1	bcpr	44	85	7	2500	St	3	a Cu	6	0
Wick	1015·2	+1	WSW	1	bc	44	85	8	7250	St Cu	4	a Cu	6	0
Castlebay	1015·1	–1	SW	4	c+	46	92	7	2500	St	5	–	10	*
Nairn	1016·4	*	–	0	bc	43	*	*	*	*	*	*	*	0
Aberdeen	1018·0	+1	W	2	b/r	41	75	8	–	–	–	–	–	*
Malin Head	1016·5	–4	SSW	3	co–	42	97	8	4000	St Cu	4	Ci	6	2
Renfrew	1019·1	+1	–	0	b	35	92	4	2500	St Cu	2	–	2	*
Leith	1018·4	+2	SSW	3	b/f	41	85	7	–	–	–	–	–	*
Eskdalemuir	1020·3	+2	–	0	b	33	85	8	–	–	–	–	–	0
Tynemouth	1019·4	+2	W	1	b	40	85	5	–	–	–	–	–	1
Blacksod Point ...	1017·3	–4	SW	3	bc+	46	75	8	800	Cu	4	–	4	0
Donaghadee	1020·1	+1	W	1	b	38	85	8	–	–	–	–	–	*
Birr Castle	1021·1	*	NW	1	c+	36	92	8	–	–	–	Ci Cu	7	*
Baldonnell	1021·2	–1	SSW	2	b	39	85	8	–	–	–	al St	2	*
Holyhead	1021·4	+2	W	2	b+	45	85	6	2500	St Cu	2	–	3	0
Liverpool (Bidston) ...	1020·3	+2	NW	2	b/r	44	75	8	–	–	–	–	–	3
Manchester (Alex.Pk.)	1020·2	+3	NW	2	b	42	85	3	–	–	–	–	–	*
Howden	1020·0	+3	–	0	c–	42	92	5	2500	St Cu	6	a Cu	8	*
Spurn Head	1019·5	+2	NW	3	opr	45	92	7	450	St	10	–	10	1
Nottingham	1019·9	*	N	2	o/r	45	85	4	2500	Nb	2	a St	10	*
Cranwell	1020·0	+3	NNW	3	o/r	44	97	6	800	Nb	10	–	10	*
Gorleston	1018·6	+1	NW	2	c–	45	75	7	6000	St	7	–	7	0
Pulham	1019·7	+2	–	0	o	46	85	6	5750	St Cu	6	a St	10	*
Felixstowe	1020·3	+2	WNW	2	c	46	85	7	–	–	–	a Cu	8	0
Valencia (Cahirciveen)	1021·5	–3	S	3	ov	46	75	9	2500	St Cu	2	a St	9	*
Roches Point	1023·5	0	–	0	b–	42	92	8	–	–	–	a Cu	3	0
Pembroke (St. Ann's H.)	1022·5	+2	N	1	bv	44	85	9	–	–	–	–	–	1
Ross-on-Wye	1020·5	+4	NNW	1	o/r	44	92	9	2500	St	10	–	10	*
Benson...	1020·4	+2	–	0	o	46	85	7	–	St	10	–	10	*
S. Farnborough ...	1020·9	+2	S	1	o	46	85	8	2500	St Cu	6	a St	10	*
London	1020·7	+3	SW	1	c+	48	75	6	4000	St Cu	6	a Cu	8	*
Croydon	1021·0	+3	WSW	2	o+	48	75	7	5750	St Cu	7	Ci Cu	10	*
Clacton-on-Sea ...	1019·6	+3	WNW	3	o	46	85	6	7250	St Cu	8	–	8	0
Shoeburyness	1020·1	+2	WSW	1	ffo	46	75	5	2500	Cu	9	–	9	*
Grain	1020·4	+1	–	0	o	47	85	4	5750	St Cu	9	Ci Cu	10	0
Lympne	1020·0	+2	NW	2	o	44	85	8	5750	St Cu	10	–	10	*
Scilly (St. Mary's) ...	1022·9	+1	NNW	2	b	48	92	9	5750	St Cu	2	–	2	1
Falmouth	1022·5	+3	NNW	2	bc	46	85	8	–	St Cu	2	a Cu	4	*
Plymouth	1021·6	+3	NW	3	b	45	85	8	5750	St Cu	1	–	1	0
Portland Bill	1020·0	+1	W	2	c	48	85	8	1500	St Cu	7	–	7	3
Calshot	1020·3	+1	WSW	1	o	49	92	8	2500	St Cu	10	–	10	0
Dungeness	1020·2	+2	NW	2	c+	44	97	7	–	–	–	a Cu	8	3
Jersey (Guernsey 1h.)	1021·7	0	W	2	c	46	92	8	–	–	–	Ci Cu	8	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR.....21ST April 1921

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.–9h. 20th–21st mm.	Rainfall.† Day 9h.–18h. 21st mm.	Sunshine. Sunrise to 17h. 21st hr.	Sunshine. Sunrise to Sunset. 20th hr.
Banff	oc	or	55	35	–	1	0.4	11.6
Montrose	c	bco	54	35	–	–	2.0	10.5
Llandudno	c	c	53	35	–	–	2.6	5.9
Colwyn Bay ...	b	bco	52	39	–	–	2.1	2.3
Rhyl...	bco	cpc	52	35	–	1	2.2	2.8
Southport	cbcb	bcco	54	35	–	–	4.7	8.2
Blackpool	c	o	54	35	–	–	6.2	?
Harrogate	bbc	bcco	53	35	–	–	6.9	4.8
Skegness	ombcc	cbcb	56	41	–	–	4.2	6.7
Aberystwyth ...	ocb	coo	51	40	–	–	2.0	9.0
Bath	bbc	bbcco	56	32	–	–	6.8	6.7
Leamington Spa ...	cb	o	52	36	–	–	8.0	?
Lowestoft	oco	o	51	42	–	–	1.0	5.8
Felixstowe	om	cn	52	42	–	–	0.8	7.9
Southend	moc	o	56	40	–	–	1.7	7.4
Ilfracombe	bbc	coco	53	40	–	–	5.2	10.6
Bude	b	c	54	36	–	–	5.1	9.2
Penzance	bc	bcco	55	39	–	–	3.4	12.4
Torquay	wbm	bcc	56	37	–	–	6.7	6.1
Weymouth	bc	bcc	57	35	–	–	10.1	9.2
Bournemouth ...	b	b	55	36	–	–	10.0	5.8
Portsmouth (S'thsea)	*	*	56	41	–	–	10.3	7.8
Worthing	b	b	53	36	–	–	10.3	6.5
Brighton	b	b	53	39	–	–	9.4	6.0
Eastbourne	bco	cbc	55	41	–	–	7.9	9.3
Hastings	bbcco	bcc	56	39	–	–	5.9	6.2
Folkestone	c	co	52	42	1	–	0.2	6.4
Tunbridge Wells ...	b	bc	56	35	–	–	6.1	5.8
Ramsgate	o	o	52	40	–	–	0.8	6.5
Margate	o	o	53	43	–	–	0.2	6.9

* Information for these columns not usually received † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.21,702 Saturday, 23rd April 1921.

Observations at 1300 G.M.T. 22nd

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1013.6	-2	SSW	2	bc	45	75	8	7250	Nb	2	A.Cu	6	*
Stornoway	1008.9	-6	SW	6	oPR	46	75	7	450	Sr.	10	-	10	*
Wick	1012.9	-3	SE	2	c+	47	92	8	7250	Sr.Cu	8	-	8	*
Castlebay	1019.8	-5	SW	5	orr_o	45	97	6	800	Nb	10	-	10	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1016.0	-2	S	4	bc+	48	55	8	4000	Sr.Cu	6	-	6	*
Malin Head	1011.1	-8	SSW	5	r_or_o	45	97	7	450	Sr	10	-	10	5
Renfrew	1016.3	-4	SSW	4	o	49	65	8	2500	Sr.Cu	8	A.Sr	10	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1017.3	-3	SSW	5	c-	48	55	8	7250	Cu	6	Ci.Sr	8	*
Tynemouth	1018.2	-2	SSE	4	bc	50	75	8	4000	Cu	4	-	4	*
Blacksod Point	1010.2	-7	SW	5	oDD	48	97	4	450	Sr.	10	-	10	*
Donaghadee	1017.3	-3	SW	3	o	48	75	8	4000	Sr.Cu	10	-	10	*
Birr Castle	1018.0	*	SW	2	odd	47	85	6	2500	Cu.Nb	9	-	9	*
Baldonnell	1018.4	-4	SW	3	or	49	65	8	4000	Sr.	9	A.Sr.	10	*
Holyhead	1020.0	-2	SSW	4	bc⊕	50	92	7	2500	Cu	1	Ci.Sr	5	*
Liverpool (Bidston)	1019.6	-1	NW	1	b	47	55	8	7250	Cu	1	Ci.Cu	3	*
Manchester (Alex.Pk.)	1019.8	-1	WNW	2	b	54	45	8	2500	Cu	1	Ci	3	*
Howden	1019.3	-2	SSW	1	bc-	55	45	8	4000	Cu	4	-	4	*
Spurn Head	1019.7	0	NE	3	b	52	65	9	5750	Cu.Nb	2	-	3	*
Nottingham	1019.5	*	SSE	2	bc-	57	65	6	4000	Cu	5	-	5	*
Cranwell	1020.5	-1	SSE	2	o	50	85	6	800	Nb	10	-	10	*
Gorleston	1019.7	+1	S	3	c+	48	92	7	-	Nb	8	-	8	*
Pulham	1020.2	0	WNW	1	o	54	65	6	1500	Sr.Cu	6	-	10	*
Felixstowe	1021.1	0	SSE	3	opr_o	51	85	8	5750	Cu.Nb	4	A.Cu	9	*
Valencia (Cahirciveen)	1017.1	-5	S	5	or	49	92	6	450	Sr.	10	-	10	*
Rosslare Point	1022.1	-3	SW	4	orr_o	48	92	8	800	Nb	10	-	10	*
Pembroke (St. Ann's H.)	1022.4	-1	SW	2	bc	50	75	9	-	-	-	A.Cu	4	*
Ross-on-Wye	1020.2	-1	NW	2	bc-	56	55	9	5750	Sr.Cu	4	A.Cu	6	*
Benson	1020.3	-1	SW	1	o	54	75	8		Cu	9	-	9	*
S. Farnborough	1021.0	0	W	3	or-	51	92	8	1500	Nb	6	-	10	*
London	1020.8	-1	SW	3	or$_o$+	55	75	7	2500	Nb	8	A.Sr	10	*
Croydon	1021.0	0	SSW	3	or	52	75	8	4000	Nb	8	A.Sr	2	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1020.7	0	SE	1	ffo	53	65	5	2500	Sr.Cu	5	A.Cu	9	*
Grain	1020.7	0	-	0	o	54	65	8	5750	Sr.Cu	10	-	10	*
Lympne	1021.3	0	SW	3	cr_o	49	75	8	4000	Sr.Cu	6	-	9	*
Scilly (St. Mary's)	1023.5	0	WNW	3	bc	54	85	8	4000	Cu	2	Ci	4	*
Falmouth	1023.2	0	NW	4	b	55	45	8	-	Cu	1	Ci	2	*
Plymouth	1021.9	0	NW	2	bv	55	55	9	7250	Sr.Cu	2	Ci	3	*
Portland Bill	1020.5	+1	-	0	b	50	85	8	-	-	-	Ci.Cu	2	*
Calshot	1021.1	0	SW	4	c-	53	75	8	1500	Sr.Cu	4	A.Cu	7	*
Dungeness	1021.4	+1	WSW	3	c-	53	91	7	5750	-	-	A.Cu	7	*
Jersey	1022.7	0	W	3	o	51	75	8	2500	Sr.Cu	9	-	9	*

Observations at 1800 G.M.T. 22nd

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1009.8	-4	SSW	5	bc	45	75	8	5750	Cu	3	Ci	7	3
Stornoway	1003.7	-5	SSW	6	orr	43	85	6	450	Sr.	10	-	10	4
Wick	1007.7	-6	SSW	5	o	46	85	8	2500	Sr.	3	A.Sr	10	3
Castlebay	1004.4	-6	S	4	orr	46	97	3	450	Nb	10	-	10	6
Nairn	1008.0	*	WSW	3	c	46	*	*	*	*	*	*	*	*
Aberdeen	1012.6	-4	S	4	o	46	75	7	4000	Sr.Cu	6	A.Sr	10	3
Malin Head	1006.5	-5	SSW	5	r	45	97	6	450	Sr	10	-	10	5
Renfrew	1013.1	-3	S	4	orr	42	85	7	1500	Nb	7	-	10	*
Leith	1013.5	-5	SW	3	o	47	55	7	4000	Sr.Cu	3	A.Sr	10	*
Eskdalemuir	1015.0	-3	SSW	6	or$_o$+	42	75	7	2500	Sr.	10	-	10	*
Tynemouth	1016.1	-2	WSW	2	o	50	45	7	-	-	-	A.Sr	9	0
Blacksod Point	1007.2	+1	W	2	c-	51	97	7	-	-	-	A.Sr	7	1
Donaghadee	1013.6	-4	SW	3	or	44	92	7	4000	Sr.Cu	10	-	10	5
Birr Castle	1012.6	*	S	2	or+	48	97	5	1500	Nb	10	-	10	*
Baldonnell	1013.3	-7	SW	6	or	46	85	6	1500	Sr.	10	-	10	*
Holyhead	1016.8	-3	SSW	5	orr	45	92	8	800	Nb	6	A.Sr	4	0
Liverpool (Bidston)	1018.1	-1	W	4	ov	47	65	9	2500	Sr.	10	-	10	3
Manchester (Alex.Pk.)	1018.0	-1	SSW	2	o	49	65	5	4000	Sr.Cu	2	A.Sr	10	*
Howden	1017.2	-2	SW	3	o	54	55	7	4000	Sr.	9	A.Sr	10	*
Spurn Head	1017.9	-2	E	4	b	47	75	9	-	-	-	A.Sr	3	1
Nottingham	1018.3	*	WSW	2	c+	54	65	5	2500	Sr.Cu	3	Ci	7	*
Cranwell	1019.1	-1	SSW	3	o	53	92	7	4000	Cu	6	-	9	*
Gorleston	1019.6	-1	SSW	4	bc+	49	85	8	-	-	-	A.Sr	5	0
Pulham	1019.4	0	SW	3	bc-	54	65	7	4000	Sr.Cu	3	A.Cu	6	*
Felixstowe	1020.6	-1	SSE	3	c+	51	85	7	7250	Sr.Cu	8	-	8	1
Valencia (Cahirciveen)	1014.0	-2	SW	5	or$_o$	52	97	6	450	Sr.	10	-	10	5
Rosslare Point	1016.9	-4	SW	5	odd	49	97	6	800	Nb	10	-	10	6
Pembroke (St. Ann's H.)	1020.8	-1	WSW	3	orr_o	45	92	7	4000	Nb	10	-	10	2
Ross-on-Wye	1019.4	-2	W	3	o	50	65	9	2500	Sr.Cu	4	A.Sr	10	*
Benson	1019.5	0	WSW	1	c	53	75	7	-	Cu	8	-	8	*
S. Farnborough	1020.2	0	SSW	2	c-	53	85	8	2500	Sr.Cu	4	-	6	*
London	1020.1	-1	SW	2	o	53	75	9	4000	Sr.Cu	5	A.Cu	9	*
Croydon	1020.6	-1	SSW	3	o/r	49	85	8	4000	Sr.Cu	7	A.Cu	9	*
Clacton-on-Sea	1020.2	0	SSW	2	c-	52	85	7	7250	Sr.Cu	7	-	7	0
Shoeburyness	1020.5	-1	-	0	b/f	49	75	7	4000	Sr.Cu	1	A.Cu	3	*
Grain	1020.0	0	SW	2	c	51	85	8	5750	Sr.Cu	7	-	7	5
Lympne	1020.9	0	SW	4	bc-	49	85	8	4000	Cu	2	A.Cu	4	*
Scilly (St. Mary's)	1022.5	-1	W	4	o	49	85	8	1500	Sr	10	-	10	4
Falmouth	1022.9	0	W	3	o	49	65	8	-	Sr.Cu	10	-	10	*
Plymouth	1022.0	0	WSW	4	o	50	65	8	4000	Sr.Cu	6	A.Cu	10	*
Portland Bill	1020.5	0	WSW	3	b	50	85	8	-	-	-	Ci.Cu	3	3
Calshot	1020.9	0	WSW	5	b	49	85	9	-	-	-	Ci.Sr	2	0
Dungeness	1021.4	0	SW	3	b	50	*	7	-	-	-	-	-	3
Jersey	1023.0	0	W	4	b	52	65	8	-	-	-	-	-	0

LONDON OBSERVATIONS.

	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 HOURS ENDED 0900 G.M.T. 23rd							YESTERDAY.	TO-DAY.	
Kew	c	bc	P	*	*	41	0.3	2.3	*	*
Croydon } 24 hours ended 0700	r rd	r rd	o. rd	*	*	37	0.5	*	*	*
Greenwich (Royal Obsy.)	o	obc	bc or	60	42	34	1	3.5	55	91
City (Bunhill Row)	*	*	*	*	*	*	*	2.6	*	*
Westminster (St. James' Pk.)	*	*	*	58	45	40	2	3.0	68	87
Regents Pk. (Botanical Gdns.)	*	*	*	*	*	*	*	2.9	*	*
Camden Sq. (Brit. Rainfall)	bc.o	oc	*	60	44	39	1	*	60	91
Kensington Palace	bc.obc	bc.c	*	57	43	41	1	*	79 (18h)	93
Hampstead Observatory	*	*	*	55	43	37	1	3.7	*	95

ATMOSPHERIC POLLUTION. Lbs. of Solid impurity per million cubic yards.

24 Hr. ended 1600 G.M.T. 22nd

South Kensington

Max.	Time.	Min.	Time.
1½	21st 1900	<½	22nd 00-0500
1	22nd 0700		

Kew Observatory

Max.	Time.	Min.	Time.
½	21st 2100	<½	21st 2300
½	22nd 0600		22nd 0300

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total 1200 joules

Average Rate 23.5 Milliwatts.

Maximum Rate 9.3 Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 22nd 20 h. 15 m. to 23rd 03 h. 45 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	7.30	5.20	71
δ Ursae Minoris	7.30	4.32	60

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

23rd & 24th April 1921.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.41	11.51	7.1
	4.39	11.51	7.2
Greenwich	4.51	11.58	7.6
	4.49	11.58	7.7
Wick	4.43	12.10	7.38
	4.41	12.10	7.40
Valencia	5.31	12.39	7.48
	5.29	12.39	7.50

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, *i.e.*, rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; − = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
r_or_o = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

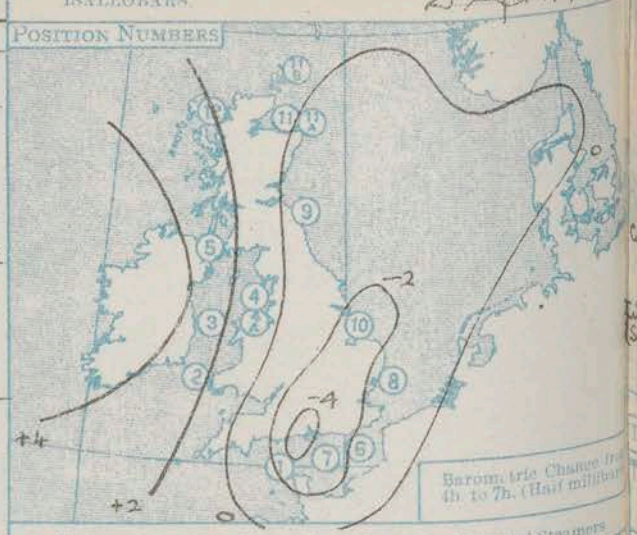
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 22nd	13h.-18h. 22nd	18h. 22nd to 1h. 23rd	1h.-7h. 23rd	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	SUN. Hours.
Lerwick	b or bc	b or bc	p	r or d	46	41	"	-	3	0130	"
Stornoway	p	r or d	p	r or d	48	41	"	3	4	-	2.6
Wick	c	oo	r or d	oo	49	42	"	-	3	-	"
Castlebay	c	r or d	r or d		47	43	"	3	1	1230.	0.5
Nairn	bcc	cg	cpg		52	41	"	-	trace	-	2.8
Aberdeen	b or bc	c	r or d		52	43	40	-	3	-	7.6
Malin Head	r or d	r or d	c	p	47	43	"	1	1	-	1.2
Renfrew	c	r or d	r or d	r or d	51	46	40	0.5	3	1530.	3.9
Leith	c	c	r or d		56	43	41	-	~~29~~ 03	-	"
Eskdalemuir	c	oo	r or d	r or d	49	38	38	-	16	1730.	8.2
Tynemouth	b or bc	b or bc	r or d	r or d	51	43	"	-	2	2400	"
Blacksod Point ...	r or d	r or d	c	p	51	43	"	8	1	0330	"
Donaghadee	b or bc	r or d	r or d		51	34	"	1	2	1330.	"
Birr Castle	r or d	r or d	r or d		50	43	37	2	2	1100.	1.9
Baldonnell	c	r or d	p	c	50	44	38	0.5	2	1330. 2200	4.7
Holyhead	b or bc	oo	r or d	oo	51	44	43	1	5	1530.	7.7
Liverpool (Bidston) ...	b or bc	b or bc	r or d		51	43	"	-	3	-	10.3
Manchester (Alex.Pk.)	b or bc	c	r or d		56	43	41	trace	1	2400	"
Howden	b or bc	c	oo	r or d	56	42	38	-	1	0130	10.0
Spurn Head	c	b or bc	c	p	52	42	"	-	0.6	0230	"
Nottingham	c	c	r or d		58	43	40	-	2	2400	4.6
Cranwell	oo	c	oo	r or d	54	42	39	-	1	0230	3.4
Gorleston	c	c	c	c	52	42	38	-	-	-	2.4
Pulham	oo	c		oo	56	41	38	-	-	-	1.7
Felixstowe	p	c	c	oo	56	44	"	0.2	- ~~0.2~~	1130 ~~1130~~	2.7
Valencia (Cahirciveen)	r or d	r or d	r or d	p	52	47	43	8	1	0900. 0130	0.1
Roches Point	r or d	r or d	p		50	46	"	2	0.6	1100.	"
Pembroke (St. Ann's H.)	b or bc	oo	r or d	fog	51	43	"	0.5	6	1730.	7.9
Ross-on-Wye	c	c	p		57	44	42	-	0.5	2200	3.8
Benson...	oo	c	r or d		57	42	36	0.1	1	0330	"
S. Farnborough ...	oo	r or d	r or d		57	40	37	1	0.2	1430. 0430	1.1
London	c	b or bc	p		59	44	41	-	0.3	0430	2.3
Croydon	r or d	r or d	oo	r or d	56	41	37	0.3	0.2	1100	"
Clacton-on-Sea ...	c	c	b or bc		56	45	42	-	-	-	2.9
Shoeburyness	c	c	c		55	42	36	-	-	-	1.6
Grain	oo	b or bc	oo		56	42	39	-	-	-	1.3
Lympne	oo	c	b or bc	oo	53	42	37	trace	-	1330.	1.7
Scilly (St. Mary's) ...	b or bc	oo	r or d	r or d	55	46	"	-	3	-	7.6
Falmouth	b or bc	c	oo	r or d	56	45	44	-	6	2200	5.8
Plymouth	b or bc	~~r or d~~ oo	r or d		55	46	43	-	4	-	9.6
Portland Bill	b or bc	b or bc	c	r or d	52	43	"	-	4	0330	"
Calshot	c	b or bc	c	r or d	56	45	42	-	0.1	0630	6.3
Dungeness	c	b or bc	b or bc	c	56	47	"	-	-	"	
Jersey	c	c	c	r or d	53	45	"	-	0.3	0530	4.0

ISALLOBARS. 23rd April.

POSITION NUMBERS



Barometric Change in 4h. to 7h. (Half millibars)

Temperature reported from Cross Channel and Coastal Steamers

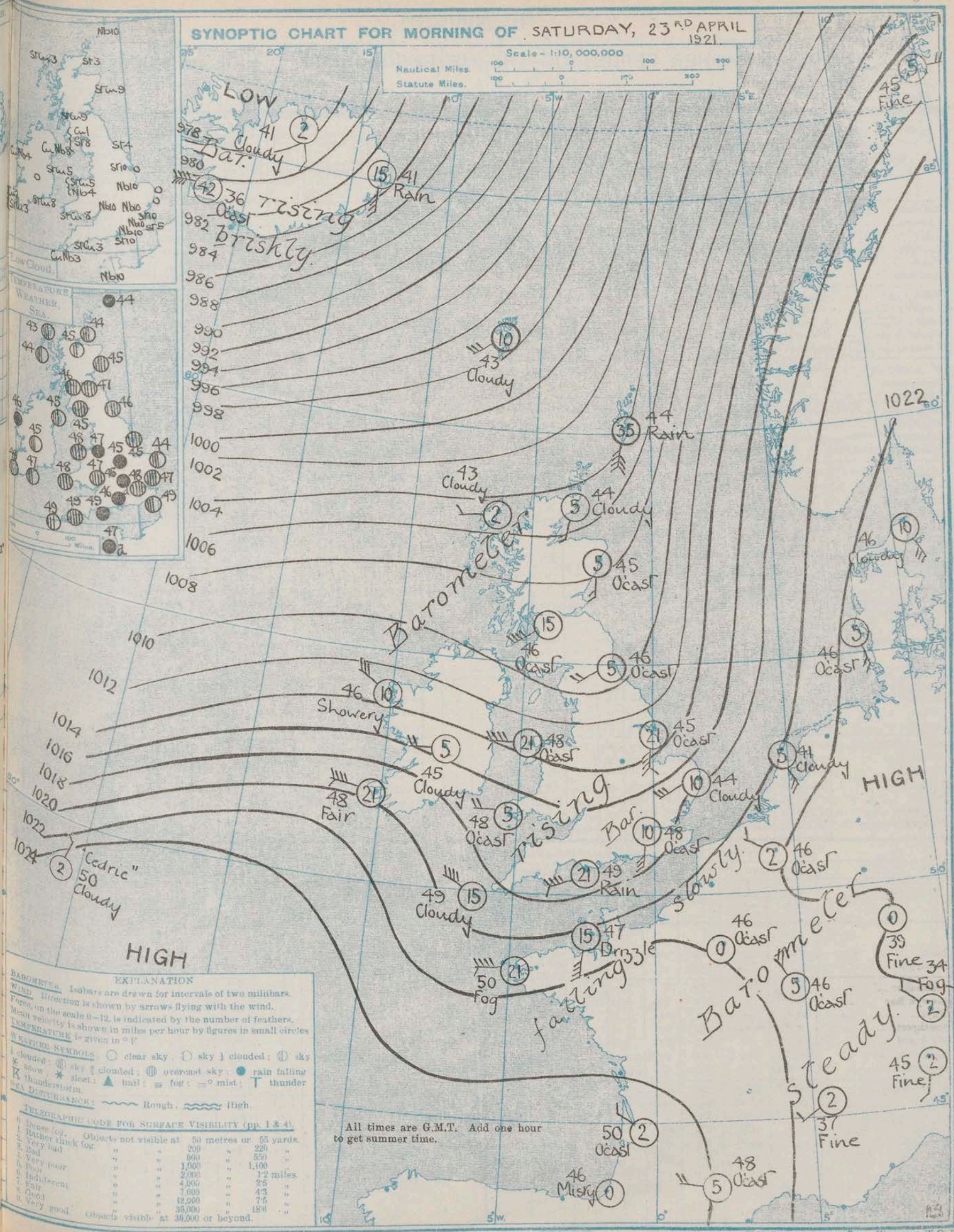
Position Number	7	4	3	1	6	12	44
Date	22nd	22nd	22nd	22nd	22nd	23rd	23rd
Time G.M.T.	0230	0500	1015	1140	1340	0430	0630
Sea ° F	49	46	48	49	50	46	47
Air ° F	50	43	48	46	51	48	48

GENERAL INFERENCE.

In the rear of a V-shaped depression moving Eastward over Great Britain the wind will veer to West and North-West, with improving weather. Temperature will be rather low.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 23rd April, 1921.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind mainly between W. and N.W., light or moderate, fresh at times locally; variable sky, some showers not improbable; visibility fair or good; temperature rather low.	Wind between West and North; temperature rather low; weather mainly fair.
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N.& N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind W. and N.W., light or moderate, fresh locally; some showers, but considerable fair periods; visibility fair to good; temperature rather low.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind N.W. or N., light or moderate; mainly fair, visibility good; temperature rather low.	

R.S.



H.M. Stationery Office Press, Kingsway, W.C. 2

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Saturday, 23rd April 1921. No. 113

Observations at 0100 G.M.T. 23rd

Stations	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1001.4	-4	SW	8	c+	37	85	5	4000	CuNb	8	-	8	*
Stornoway	1003.6	+2	SW	4	r.r.	*	*	5	*	*	*	*	*	*
Wick	1003.7	-3	SSW	5	or.+	43	97	7	450	Sr.	10	-	10	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1006.9	+1	SW	2	co	47	97	6	450	St	10	-	10	*
Renfrew	1007.5	-4	S	4	o/r	46	92	7	1500	Sr.	10	-	10	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1010.4	-4	S	5	orr	41	97	5	1500	Nb	10	-	10	*
Tynemouth	1012.5	-4	SW	2	orr	44	85	5	5750	Nb	10	-	10	*
Blacksod Point ...	1009.5	+2	W	2	bc	48	85	7	4000	CuNb	5	-	5	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1012.0	0	SW	5	c/r	49	92	7	1500	Sr.Cu	5	A.Sr	8	*
Holyhead	1011.5	-2	SW	5	o/r	*	*	8	800	Nb	8	A.Sr	10	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	1015.7	-1	[illegible]	2	o.r.	45	75	5	800	St	5	-	10	*
Spurn Head	1016.8	-1	SW	2	c⊕	46	92	7	-	-	-	A.Sr.	8	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1018.0	-2	SSW	3	o	44	92	8	7250			A.Sr.	10	*
Gorleston	1018.9	-2	WSW	3	b⊕	45	92	8	-	-	-	Ci.Cu	3	*
Pulham														*
Felixstowe	1020.1	-1	SSW	3	c-	46	92	8	-	-	-	A.Sr	7	*
Valencia (Cahirciveen)	1016.6	+4	WSW	2	c R	48	*	6	*	*	*	*	*	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1014.9	-3	SSW	5	o r.	42	97	6	<150	Nb	10	-	10	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London	1020.0	-1	*	*	*	47	*	*	*	*	*	*	*	*
Croydon	1020.2	-2	S	3	o	42	92	8	5750	Sr.Cu	5	A.Cu	9	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1020.4	-1	SW	2	b	43	97	8	-	-	-	Ci	3	*
Scilly (St. Mary's) ...	1018.9	-6	WSW	4	odd.	49	85	4	800	Nb	10	-	10	*
Falmouth	1019.0	-5	SW	5	orr.	47	97	6	-	Nb	10	-	10	*
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1020.9	0	WSW	4	bc+	49	85	8	1500	Sr.Cu	4	Ci.Sr.	6	*
Calshot	1020.6	-2	WSW	2	o	47	75	8	7250	Sr.Cu	5	A.Sr.	10	*
Dungeness	1020.4	-1	WSW	3	b	47	*	9	-	-	-	Ci	3	*
Jersey (Guernsey Ih.)	1023.3	-2	WNW	2	o	47	75	8	4000	Nb	9	-	9	*

Observations at 0700 G.M.T. 23rd

Stations	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1003.8	+1	SW	7	oR-	44	97	4	2500	Nb	10	-	10	6
Stornoway	1004.6	+2	WSW	1	c/r	43	85	7	2500	Sr.Cu	3	A.Cu	7	0
Wick	1004.5	+1	SSW	2	C-	44	97	8	2500	Sr.	3	A.Cu	7	1
Castlebay	1007.8	+4	WNW	4	bc-	44	85	7	1500	Sr	6	-	6	4
Nairn	1005.5	*	-	0	bc	45	*	*	*	*	*	*	*	1
Aberdeen	1007.4	-1	SSW	2	o/r	45	92	5	4000	Sr.Cu	9	-	9	0
Malin Head	1009.6	+3	WNW	3	c+	46	75	8	4000	CuNb	7	-	7	4
Renfrew	1008.6	+2	WSW	4	o	46	85	7	1500	Sr.Cu	9	-	9	*
Leith	1008.1	+2	WSW	4	o/r	47	92	7	4000	Sr.Cu	10	-	10	*
Eskdalemuir	1009.6	+1	SW	3	o-	45	85	8	2500	Sr.	9	-	9	*
Tynemouth	1009.9	-1	SW	2	o/r	46	92	6	800	Sr.	4	A.Sr	10	0
Blacksod Point ...	1013.2	+5	NW	3	bc pr.	46	75	8	4000	CuN	4	-	4	2
Donaghadee	1011.6	+3	W	2	c/r	45	85	8	5750	CuN	8	-	8	0
Birr Castle	1015.6	*	W	2	C-	45	85	7	-	-	-	A.Cu	7	*
Baldonnell	1014.2	+4	W	4	c	46	85	7	2500	Sr.Cu	5	A.Sr.	8	*
Holyhead	1013.4	+2	W	5	o-	48	92	8	1500	Sr.Cu	9	-	9	1
Liverpool (Bidston) ...	1012.2	+1	WSW	4	o pr.	47	92	8	1500	Nb	10	-	10	4
Manchester (Alex.Pk.)	1012.6	-1	SW	5	or.	46	92	5	1500	Nb	8	A.Sr	10	*
Howden	1019	+1	S	3	o/r	45	92	6	1500	Sr.	10	-	10	*
Spurn Head	1013.4	-2	SSW	5	o	45	75	7	-	-	-	A.Sr	10	2
Nottingham	1014.4	*	SSW	2	or.	45	97	4	4000	Nb	9	Ci.Sr.	10	*
Cranwell	1015.2	-2	SSW	4	or.+	43	97	7	800	Nb	10	-	10	*
Gorleston	1018.0	-2	WSW	3	c+	44	85	7	-	-	-	A.Sr.	8	0
Pulham	1017.6	-1	SSW	3	o	45	85	6	1500	Sr.	5	A.Sr	10	*
Felixstowe	1019.0	-1	S	4	o	47	75	7	-	-	-	A.Sr	10	1
Valencia (Cahirciveen)	1019.9	+4	WNW	5	bc+	48	75	8	2500	Sr.Cu	5	-	5	4
Roches Point	1018.5	+4	NW	2	c-	47	92	8	2500	Sr.Cu	8	-	8	0
Pembroke (St. Ann's H.)	1016.3	+2	WNW	2	c-	48	97	7	5750	Sr.Cu	8	-	8	3
Ross-on-Wye	1014.7	-2	W	3	o	47	92	8	1500	Nb	10	-	10	*
Benson...	1016.3	-3	SSW	4	or-	45	97	6	-	Nb	10	-	10	*
S. Farnborough ...	1017.2	-3	SW	4	odd.	46	92	6	800	Nb	10	-	10	*
London	1017.3	-4	SSW	3	o/r	48	85	8	4000	Sr.	10	-	10	*
Croydon	1018.4	-2	S	4	orr.	45	92	8	2500	Sr.	8	A.Sr	10	*
Clacton-on-Sea ...	1018.4	0	S	3	o	47	85	8	-	-	-	A.Sr	10	0
Shoeburyness	1018.4	-2	SW	1	o	47	75	6	4000	Sr.Cu	5	A.Sr	9	*
Grain	1018.4	-1	SW	3	od.	48	85	7	4000	Sr.Cu	9	-	9	0
Lympne	1018.7	-1	SW	3	o-	45	92	8	1500	Sr.	5	A.Cu	9	*
Scilly (St. Mary's) ...	1018.6	+2	WNW	4	c-	49	97	8	4000	Cu Nb	3	Ci	8	5
Falmouth	1017.7	+2	WNW	5	bc-	49	92	7	-	Sr.Cu	3	Ci	6	*
Plymouth	1016.5	0	NW	3	o/r	51	92	8	1500	Sr.	8	A.Sr.	10	1
Portland Bill	1016.3	-5	WSW	5	orr	49	85	6	-	Sr.	10	-	10	6
Calshot	1017.9	-3	SW	4	or.	47	97	6	800	Nb	10	-	10	0
Dungeness	1018.9	-1	SW	4	c+	49	*	7	5750	Cu	7	-	7	4
Jersey (Guernsey Ih.)	1020.9	-1	SW	4	odd.	47	92	8	4000	Nb	10	-	10	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 22nd April 1921

Stations	Weather. Fore-noon.	Weather. After-noon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 21st-22nd mm.	Rainfall.† Day 9h.-18h. 22nd mm.	Sunshine. Sunrise to 17h. 22nd hr.	Sunshine. Sunrise to Sunset. 21st hr.
Banff	bbc	co	53	34	1	-	6.9	0.7
Montrose	bc	bcc	50	33	2	-	6.6	2.0
Llandudno	b	b.bcc	52	41	2	-	8.8	2.6
Colwyn Bay ...	b	b	54	39	4	-	8.6	2.1
Rhyl...	bc b	bc.c	52	43	1	-	8.8	2.2
Southport	c b	bc.co	52	37	1	-	10.1	4.7
Blackpool	bc	o	52	37	2	-	10.0	6.2
Harrogate	b bc b	b bc b	54	37	2	-	9.3	6.9
Skegness	or mo	ob	50	44	1	-	4.0	4.4
Aberystwyth ...	r.c b	bc.o	51	43	2	-	9.0	2.0
Bath	o	b.bcco	56	44	1	-	2.8	6.8
Leamington Spa ...	o	cb	57	42	1	-	5.0	8.0
Lowestoft	o	ocbcc	52	43	-	-	1.0	1.0
Felixstowe	bc	cm	59	42	-	0.2	2.7	0.8
Southend	oc	cbc	55	43	-	-	1.5	1.7
Ilfracombe	ocbc	bcco	51	46	1	-	7.1	5.2
Bude	b	bcco	53	43	-	-	8.5	6.2
Penzance	bc.b	b o	56	43	1	-	7.5	3.4
Torquay	b.bc	b.bccy	58	45	-	-	8.5	6.7
Weymouth	o bc	bc	60	48	-	-	7.0	10.1
Bournemouth ...	oc	cbb	57	46	-	-	5.5	10.0
Portsmouth (S'thsea)	-	-	57	45	-	-	4.0	11.1
Worthing	bc	bc	57	40	-	-	4.2	11.4
Brighton	bcc	c	54	42	-	-	3.7	10.4
Eastbourne ...	oco	cbc	56	43	-	-	4.3	8.9
Hastings	ocbc	cobc	55	42	-	-	3.7	6.8
Folkestone	o	co	56	40	-	-	3.7	0.2
Tunbridge Wells ...	bco	obc	57	37	-	-	2.0	6.4
Ramsgate	bc	bc	56	42	-	-	4.2	0.8
Margate	ocbc	c	57	45	-	-	2.4	0.2

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.21703 Sunday 24th April 1921.

Observations at 1300 G.M.T. 23rd

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1008.4	+4	W	4	bc/r	47	85	7	2500	CuNb	5	-	5	*
Stornoway	1010.7	+6	W	6	bc-	50	55	8	4000	Cu	6	-	6	*
Wick	1009.2	+4	WSW	2	c/r	48	75	9	7250	Cu	7	-	7	*
Castlebay	1013.7	+4	WNW	4.	c	47	85	8	4000	StCu	3	—	3	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1010.8	+5	NW	4	o/r	51	65	8	2500	CuNb	10	-	10	*
Malin Head	1015.0	+4	WNW	4	PH	46	85	8	4000	Cu Nb	6	.	6	*
Renfrew	1013.5	+4	WNW	4	c	50	55	8	4000	Cu	4	A.St	8	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1013.0	+3	NW	3	c/r	48	65	8	4000	St	8	-	8	*
Tynemouth	1011.8	+2	W	3	o	50	75	7	-	-	-	A.St	9	*
Blacksod Point	1018.4	+4	W	3	bc-	48	75	7	2600	St.Cu	4	-	4	*
Donaghadee	1015.8	+2	WSW	3	pr.	44	75	8	4000	Nb	5	A.Cu	7	*
Birr Castle	1019.5	*	WNW	3	c+	47	85	8	4000	CuNb	8	-	8	*
Baldonnell	1019.2	+4	WNW	4	pr.	44	85	6	1500	St	9	-	9	*
Holyhead	1017.1	+3	W	3	o	51	85	9	2500	St.Cu	3	A.Cu	9	*
Liverpool (Bidston)	1016.7	+3	W	6	bc+	49	75	7	5750	Cu	5	-	5	*
Manchester (Alex. Pk.)	1015.2	+3	WNW	4	h(r)	49	65	8	2500	St.	10	-	10	*
Howden	1012.7	0	NW	4	o/r	53	66	7	1500	St.Cu	8	A.St	10	*
Spurn Head	1013.4	0	WNW	2	pr.	50	75	7	450	St	10	-	10	*
Nottingham	1014.4	*	W	3	c/r	53	66	6	4000	CuNb	2	A.Cu	7	*
Cranwell	1014.5	0	WNW	3	o/r	52	92	7	800	Nb	9	-	9	*
Gorleston	1016.8	-3	WSW	6	ror.	49	85	6	7250	Nb	7	Ci.St	10	*
Pulham	1015.1	-3	SSW	4	dd	48	97	5	800	Nb	10	-	10	*
Felixstowe	1017.1	-2	S	5	dd	47	97	6	1500	Nb	10	-	10	*
Valencia (Cahirciveen)	1023.7	+4	W	5	bc+	49	85	8	4000	Cu	5	-	5	*
Roches Point	1021.2	+3	NW	5	c+	48	85	8	4000	CuNb	8	Ci.Cu	9	*
Pembroke (St. Ann's H.)	1019.6	+2	W	3	bc-	49	85	7	4000	Cu	5	-	5	*
Ross-on-Wye	1015.7	+1	NW	3	bc	58	55	9	4000	Cu	6	-	6	*
Benson	1015.2	-1	W	4	bc	56	65	7	-	Cu	5	-	5	*
S. Farnborough	1015.4	-2	WNW	3	do	58	65	8	1500	Nb	10	-	10	*
London	1015.3	-3	SSW	2	bc-	54	85	~~8~~ 7	1500	Cu	5	A.Cu	6	*
Croydon	1016.8	-2	SSW	4	o/r	50	92	8	800	St	9	A.St	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1016.2	-2	SSW	2	r.r.	47	85	7	1500	Nb	7	A.St	9	*
Grain	1016.3	-2	SW	4	rr	46	75	7	800	St	10	-	10	*
Lympne	1017.0	-3	SW	5	rr	45	97	4	<150	Nb	10	-	10	*
Scilly (St. Mary's)	1024.4	+3	NW	5	bc-	53	85	8	5760	Cu	2	Ci.Cu	4	*
Falmouth	1020.7	+3	NW	4	c	55	65	7	-	CuNb	7	-	7	*
Plymouth	1018.7	+2	NW	5	c-	55	65	9	4000	Cu	?	Ci.St	7	*
Portland Bill	1017.0	+1	WSW	4	b-	53	85	8	1500	Cu	2	-	2	*
Calshot	1015.8	-3	NNW	3	o/r	56	~~97~~ 65	8	2500	St.Cu	9	-	9	*
Dungeness	1017.6	-2	SW	5	PR	48	97	5	1500	Nb	9	-	9	*
Jersey	1019.4	0	W	5	b/r	51	75	8	-	-	.	.	.	*

Observations at 1800 G.M.T. 23rd

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1012.5	+4	NNW	4	bc	46	75	7	—	-	-	A.Cu	6	2
Stornoway	1016.5	+8	WNW	5	PR	46	75	7	4000	Nb	6	-	6	1
Wick	1015.7	+8	NW	2	b-	48	65	8	7250	Cu	1	-	1	0
Castlebay	1018.8	+8	WNW	4	b	48	85	8	2500	Cu	2	—	2	4
Nairn	1017.1	*	W	4	bc	49	*	*	*	*	*	*	*	*
Aberdeen	1016.8	+7	NW	3	b-	50	55	8	4000	St.Cu	1	-	1	0
Malin Head	1020.6	+5	WNW	3	bc.	46	85	8	-	.	.	Ci Cu	2	3
Renfrew	1019.1	+8	WNW	3	b-	47	65	8	4000	Cu	2	-	2	*
Leith	1017.1	*	W	4	bc	51	45	8	4000	CuNb	4	-	4	*
Eskdalemuir	1018.0	+7	NW	4	b-	46	55	8	4000	Cu	3	-	3	*
Tynemouth	1016.4	+5	W	1	c-	46	85	8	4000	Nb	8	-	8	0
Blacksod Point	1023.1	+5	NW	2	b	50	65	8	-	St.Cu	3	-	3	1
Donaghadee	1020.2	+4	WNW	3	b	48	65	8	5750	CuNb	2	-	2	3
Birr Castle	1023.3	*	WNW	3	c-	49	65	8	5750	-	-	A.Cu	7	*
Baldonnell	1022.5	+6	WNW	4	c-	48	65	8	4000	St.Cu	7	-	7	*
Holyhead	1020.6	+4	NW	3	b	48	85	9	4000	St.Cu	3	-	3	0
Liverpool (Bidston)	1018.7	+5	WNW	3	bv	47	65	9	-	-	-	-	.	3
Manchester (Alex. Pk.)	1018.2	+4	NW	4	bc	49	65	8	1500	Cu	3	Ci	5	*
Howden	1015.7	+3	NW	5	bc	50	75	8	2500	Cu	4	A.St	5	*
Spurn Head	1015.4	+2	N	3	PR	46	85	8	4000	CuNb	8	-	8	2
Nottingham	1016.6	*	NW	4	b	50	65	5	4000	Cu	2	-	2	*
Cranwell	1016.3	+3	NW	5	bc	50	92	8	2500	CuNb	3	Ci.St	5	*
Gorleston	1015.5	-1	NW	2	Ro	46	92	5	7250	Nb	7	Ci.St	10	1
Pulham	1014.6	0	~	0	o/r	48	92	6	2500	Nb	7	A.Cu	9	*
Felixstowe	1015.8	0	N	2	bc/r	48	85	7	7250	St.Cu	2	A.St	5	1
Valencia (Cahirciveen)	1026.7	+3	NW	4	b+	49	65	8	4000	Cu	1	-	1	3
Roches Point	1025.0	+4	NNW	4	b	50	75	8	4000	Cu	1	-	1	0
Pembroke (St. Ann's H.)	1022.5	+3	NW	3	bc	46	75	9	5750	CuNb	1	A.Cu	4	4
Ross-on-Wye	1019.0	+4	N	2	ov	46	75	9	2500	St.Cu	9	-	9	*
Benson	1016.8	+2	NW	2	c	50	75	7	-	Cu	8	-	8	*
S. Farnborough	1016.8	+3	NNW	3	c/r	50	65	8	1500	Nb	7	-	7	*
London	1015.1	+3	NW	2	bc/r/r	48	85	6	2500	CuNb	4	A.Cu	~~7~~ 5	*
Croydon	1016.8	+3	NNW	2	pr.	45	85	5	1500	CuNb	10	-	10	*
Clacton-on-Sea	1015.2	+1	NW	3	bc/r	50	85	7	4000	Cu	2	A.Cu	5	0
Shoeburyness	1015.5	0	~~NNW~~	0	c/r	51	75	8	1500	Cu	2	A.St	8	*
Grain	1016.5	+1	—	0	o	52	85	8	800	Nb	4	A.St	10	0
Lympne	1015.2	-1	W	1	pr.	47	97	8	450	CuNb	8	-	8	*
Scilly (St. Mary's)	1023.1	+3	NW	6	bc+	50	85	8	4000	Cu	5	-	5	6
Falmouth	1022.5	+2	NW	4	b	50	65	8	-	CuNb	2	-	2	*
Plymouth	1021.3	+2	NNW	5	bc	50	75	8	4000	CuNb	4	-	4	*
Portland Bill	1017.7	+1	WSW	5	bc+	52	85	8	1500	Cu	5	-	5	6
Calshot	1017.2	+3	NW	6	o	52	65	8	2500	Cu	9	-	9	0
Dungeness	1015.4	-1	SW	2	cd	50	97	7	2500	CuNb	5	Ci.Cu	8	4
Jersey	1020.7	+1	W	5	b	52	75	8	-	-	.	.	-	3

London Observations	Weather Morning	Weather Afternoon	Weather Night	Temperature Max. °F.	Temperature Min. °F.	Temperature Min. on Grass °F.	Rainfall mm.	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)
	24 Hours ended 0900 G.M.T. 24th									
Kew	rord	horhr	borbc	*	*	36	11		*	*
Croydon (24 hours ended 0700)	rord	tlr	p.rord	*	*	38	3	*	*	*
Greenwich (Royal Obsy.)	or	or.Rro	ct.o	59	42	35	3	3.1	83	88
City (Bunhill Row)	*	*	*	*	*	*	*		*	*
Westminster (St. James' Pk.)	orrm	bctlr.o		57	43	38	3		75	92
Regents Pk. (Botanical Gdns.)	*	*	*	*	*	*	*	3.54	*	-
Camden Sq. (Brit. Rainfall)	c.or	c.ob	*	56	42	36	3	*	92	82
Kensington Palace	or.bc	bc.r.bc	*	56	41	38	4	*	68(18h)	83
Hampstead Observatory	*	*	*	55	39	33	3	3.2	*	86

ATMOSPHERIC POLLUTION. Lbs. of Solid impurity per million cubic yards.

24 Hr. ended 1800 G.M.T. 23rd

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .... joules

Average Rate .... Milliwatts.

Maximum Rate .... Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from ....h......m. to............h......m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris			
β Ursae Minoris			

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

24th and 25th April 1921.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.39 4.37	11.51 11.51	7.2 7.4
Greenwich	4.49 4.47	11.58 11.58	7.7 7.9
Wick	4.41 4.38	12.10 12.10	7.40 7.42
Valencia	5.29 5.27	12.39 12.39	7.50 7.52

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, i.e., rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; I = intermittent; − = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; cc = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
$r_o r_o$ = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

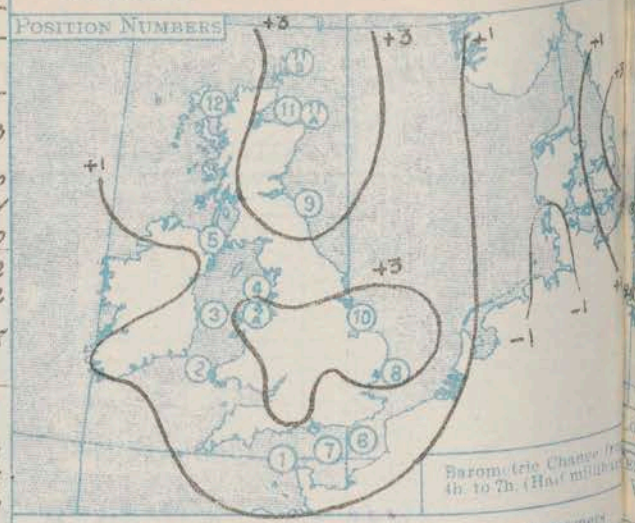
Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1-3	0·3-1·5
2	4-7	1·6-3·3
3	8-12	3·4-5·4
4	13-18	5·5-7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 23rd	WEATHER. 13h.-18h. 23rd	WEATHER. 18h.-23h. to 1h. 24th	WEATHER. 1h.-7h. 24th	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS.	RAINFALL.† Day. 7h.-18h.	RAINFALL.† Night. 18h.-7h.	RAINFALL.† Precipitation began.	SUN. Hours.
Lerwick	rord	p	b or bc	b or bc	48	39	*	2	-	-	*
Stornoway	c	p	b or bc	b or bc	50	35	*	1	1	15.30.	10.3
Wick	rord	bor bc	b or bc	b or bc	58	35	*	0.3	-	-	*
Castlebay			b or bc		48	41	*	0.1	-	-	11.0
Nairn	bcq	bc	bcw		53	33	*	-	-	-	9.4
Aberdeen	p	c	b or bc		53	35	26	1	-	11.0	5.0
Malin Head	h (rh)	b or bc	b or bc	b or bc	46	41	*	2mm	-	-	4.2
Renfrew	c	bor bc	b or bc	b or bc	52	31	20	trace	-	-	9.2
Leith	c		b or bc		53	31	—	-	-	-	*
Eskdalemuir	rord	p	b or bc	b or bc	50	33	24	0.6	-	-	8.8
Tynemouth	c	p	b or bc	b or bc	52	39	*	2	-	13.30	
Blacksod Point ...	rord	bor bc	b or bc	c	50	?38	*	0.1	-	9.0	*
Donaghadee	c	h or hr	b or bc		50	36	*	1	-	14.30	*
Birr Castle	h or hr	h or hr	c		50	30	23	1	-	11.0	4.8
Baldonnell	p	p	b or bc	b or bc	51	33	24	2	-	-	4.8
Holyhead	c	p	b or bc	b or bc	53	43	39	0.5	-	14.30	4.0
Liverpool (Bidston) ...	bor bc	bor bc	b or bc		51	42	*	-	-	-	8.8
Manchester (Alex.Pk.)	p	b or bc	b or bc		55	34	26	1	-	-	*
Howden	p	p	b or bc	b or bc	~~45~~ 56	36	32	1	-	15.30	2.8
Spurn Head	p	h or hr	c	oo	56	39	39	2	-	-	0.0
Nottingham	p	b or bc	c		56	41	34	1	-	9.0	5.1
Cranwell	p	c	p	c	53	34	35	2	-	-	4.0
Gorleston	rord	rord	b	rord	52	43	43	2	1	9.0	0.0
Pulham	rord	rord	?	rord	50	40	38	4	2	9.0	0.0
Felixstowe	rord	rord	p	rord	50	43	÷	4	1	11.0, 5.30	1.2
Valencia (Cahirciveen)	bor bc	b or bc	c	oo	51	38	32	-	-	-	9.5
Roches Point	c	c	b or bc		53	38	*	-	0.2	-	*
Pembroke (St. Ann's H.)	c	c	b or bc	b or bc	52	41	*	-	-	-	9.3
Ross-on-Wye	p	h or hr	b or bc		59	37	26	0.1	-	16.30	6.0
Benson...	c	c	b or bc		60	34	33	2	-	-	
S. Farnborough ...	rord	rord	b or bc		62	39	35	1	0.1	9.0	3.9
London	rord	h or hr	b or bc		58	42	36	11	-	-	3.6
Croydon	rord	tlr	p	rord	58	41	38	3	trace	~~13.30~~ 15.30	*
Clacton-on-Sea ...		rord	flr		51	43	38	5	4	9.0	1.6
Shoeburyness	rord	rord	flr		53	?41	34	4	2	9.0	1.2
Grain	rord	rord	rord		52	40	34	4	2	-	1.0
Lympne	rord	rord	flr	rord	48	40	34	3	5	9.0	0.0
Scilly (St. Mary's) ...	bor bc	bor bc	b or bc	b or bc	54	44	*	-	-	-	10.5
Falmouth	c	bor bc	b or bc	b or bc	56	40	36	-	-	-	9.5
Plymouth	c	p	b or bc		56	41	*	0.2	trace	12.30	8.4
Portland Bill	bor bc	c	b or bc	b or bc	54	42	*	-	-	-	*
Calshot	rord	c	b or bc	b or bc	58	40	38	2	0.4	-	5.6
Dungeness	p	p	flr	rord	50	40	*	2	4	11.0	*
Jersey	rord	bor bc	c	c	56	45	*	2	-	-	5.5

ISALLOBARS



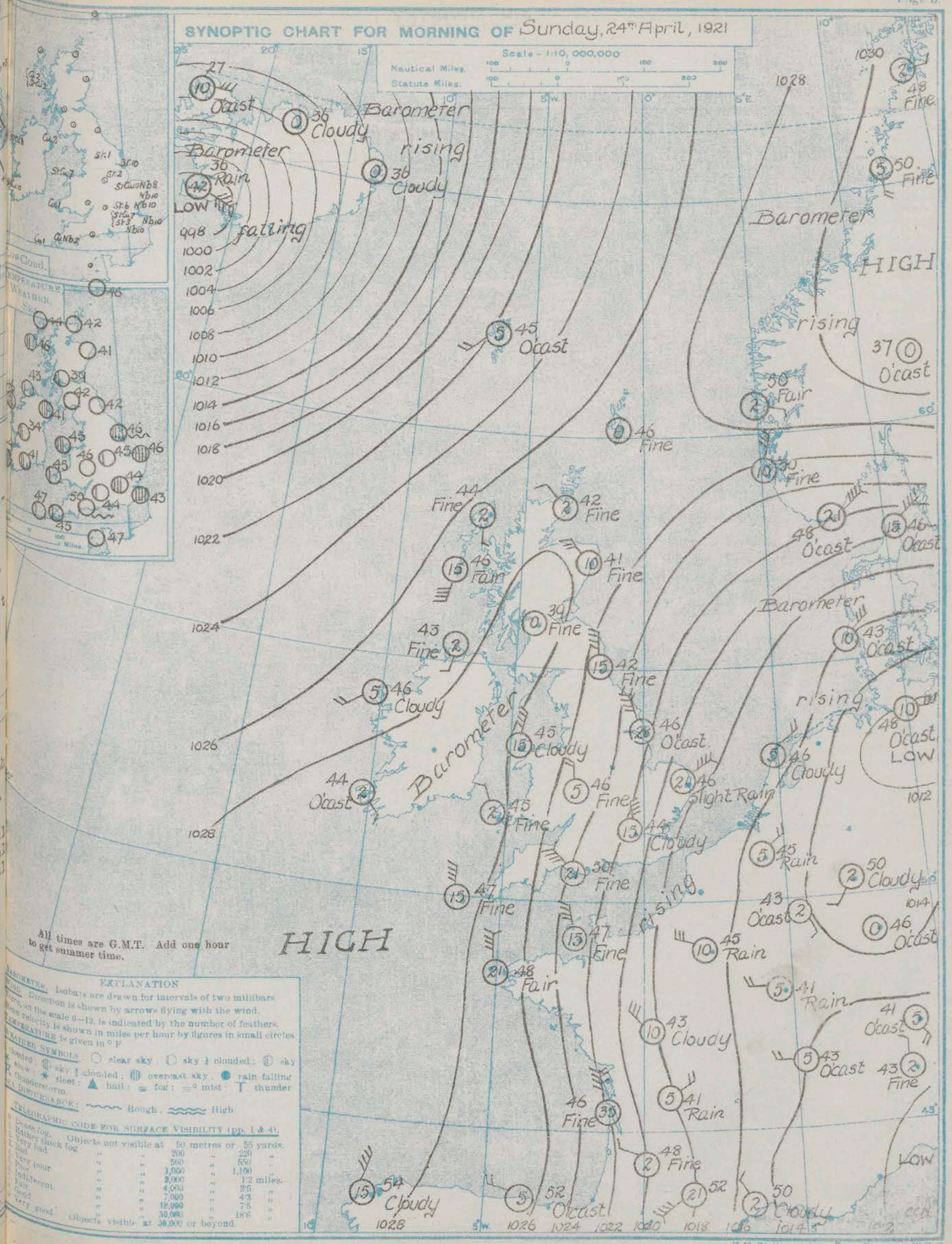
Temperature reported from Cross Channel and Coastal steamers

Position Number	3	8	4
Date	23rd	23rd	24th
Time G.M.T.	1000	0015	0210
Sea °F	49	47	44
Air °F	51	47	46

GENERAL INFERENCE.

An anticyclonic ridge has formed over the Western half of the Kingdom and pressure is tending to become low over France. Over the South-Eastern half of England winds are likely to be North or North-East for the next day or two with cold, cloudy weather and drizzle near the East Coast. In other regions fair weather is probable.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 24th April, 1921.	Further Outlook.
1. S.E. England 2. E. England	Wind N. to N.E., moderate; cloudy or dull, local drizzle or showers, visibility fair; cold, risk of night frost.	Cold with North or North-East winds for two or three days over South-Eastern half of England; mainly fair over Central areas.
3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Winds Northerly, light or moderate; fair to cloudy, visibility fair; rather cold, ground frost inland.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Light variable winds; fair or fine, visibility fair to good; mild during day, cold at night, with ground frost.	
14. N.&N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland	Wind S. to S.W., moderate, freshening later; variable sky, some rain or showers, visibility fair; moderate temperature to rather mild.	
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As for 11 - 13.	



H.M. Stationery Office Press, Kingsway, W.C.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Sunday, 24th April 1921. No. 114

Observations at 0100 G.M.T. 24th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1021·2	+6	-	0	bc	41	85	Y	*	*	*	*	*	*
Stornoway	1022·5	+8	W	2	b-	*	*	Y	*	*	*	*	*	*
Wick	1022·9	+5	W	2	bc	43	92	8	*	*	*	*	*	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1025·2	+4	NW	2	bc	45	92	6	-	*	*	Ci Cu	1	*
Renfrew	1025·7	+5	W	1	b	36	92	8	-	*	*	*	*	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1025·2	+4	N	2	b	34	75	6	-	*	*	*	*	*
Tynemouth	1022·7	+4	N	3	bc	42	75	8	-	*	*	*	*	*
Blacksod Point ...	1027·3	+5	NW	1	bc	38	92	6	7200	Cu	5	-	5	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1028·0	+3	W	2	b	37	92	8	1500	Sc Cu	1	-	1	*
Holyhead	1025·0	+1	N	5	bc-	*	*	8	-	*	*	*	*	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	1024·4 ~~1022·5~~	+3 ~~+4~~	NW	3	b	39	92	6	1500	Sc	3	-	3	*
Spurn Head	1019·0	+2	NNW	5	co	44	85	8	5/50	Cu	8	-	8	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1020·7	+2	NNW	5	c-	40	92	8	~~7200~~	~~Sc Cu~~	~~4~~	A Cu	Y	*
Gorleston	1016·8	+2	N	5	pr	45	92	8	7200	Nb	Y	Ci Sc	8	*
Pulham	1017·4		Sw	4	ph	45			2500	Sc Cu	9	-	9	*
Felixstowe	1017·4	0	NW	4	o-	45	85	Y	4000	Sc Cu	Y	A St	9	*
Valencia (Cahireiveen)	1029·1	+1	E	3	co	40	*	5	*	Cu	5	Ci St	9	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1026·9	+3	NNW	1	bv	43	85	9	-	-	-	-	-	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London	1019·8	+1	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1019·7	+1	NNW	4	c/fr	42	85	8	4000	Sc Cu	Y	A Cu	8	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1017·0	0	N	4	co	40	92	8	4000	Sc Cu	Y	-	Y	*
Scilly (St. Mary's) ...	1027·1	+1	N	4	b	46	85	8	-	-	-	-	-	*
Falmouth	1026·3	+1	NNE	2	b-	44	75	8	-	Cu	3	-	3	*
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1020·0	+3	WSW	5	b	52	85	8	-	-	-	-	-	*
Calshot	1021·4	+2	N	~~*~~5	b	43	75	8	-	-	-	-	-	*
Dungeness	1017·0	0	N	3	bc/fr	41	97	8	-	-	-	-	-	*
Jersey (Guernsey Ih.)	1022·8	+2	NNW	5	bc-	47	75	8	5/50	Cu	2	-	2	*

Observations at 0700 G.M.T. 24th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1026·1	+4	-	0	b	46	75	Y	-	-	-	-	-	0
Stornoway	1027·0	+2	S	1	b	44	85	Y	-	-	-	-	-	0
Wick	1027·0	+3	NW	1	b	42	92	8	-	-	-	-	-	3
Castlebay	1027·2	+2	SSW	4	bc	46	85	8	4000	Cu	4	-	4	1
Nairn	1028·1	*	-	0	b	40	*	*	*	*	*	*	*	0
Aberdeen	1027·8	+3	NW	3	b	41	85	8	-	-	-	-	-	
Malin Head	1027·4	+2	SSW	1	b	43	94	6	-	-	-	Ci Cu	1	2
Renfrew	1028·6	+3	-	0	b	39	85	Y	-	-	-	Ci St	3	*
Leith	1028·2	+6	N	1	b	41	85	Y	-	-	-	-	-	0
Eskdalemuir	1027·8	+3	-	0	b	42	75	8	-	-	-	-	-	*
Tynemouth	1025·9	+3	N	4	b	42	75	8	-	-	-	-	-	1
Blacksod Point ...	1026·1	0	SW	2	c-	46	85	Y	2500	St Cu	8	-	8	1
Donaghadee	1028·5	+1	W	2	c-	41	85	6	-	Cu	2	Ci St	4	0
Birr Castle	1029·3	*	NW	1	bc-	34	94	8	-	-	-	Ci Cu	4	*
Baldonnell	1029·4	+3	W	3	b+	40	85	8	-	-	-	A St	2	*
Holyhead	1027·7	+3	NNE	4	c+	45	92	8	2500	St Cu	Y	-	Y	1
Liverpool (Bidston) ...	1024·3	+3	N	1	b	44	65	8	-	-	-	-	-	3
Manchester (Alex.Pk.)	1026·8	+4	NNW	3	b	43	75	5	-	-	-	-	-	*
Howden	1024·5	+2	NNW	4	b	41	92	Y	1500	St	1	-	1	*
Spurn Head	1022·4	+3	NNW	6	o	46	85	8	4/50	St	10	-	10	6
Nottingham	1024·3	*	N	?	b-	45	75	6	-	-	-	A Cu	1	*
Cranwell	1023·6	+4	NNW	5	b-	42	94	8	4000	St	2	Ci St	2	*
Gorleston	1018·3	+3	NE	5	r.r.	46	92		7200	Nb	8	Ci St	10	1
Pulham	1018·9	+3	N	4	o/r	45	94	6	2500	St Cu	10	-	10	*
Felixstowe	1019·5	+5	N	4	r.r.	46	94	Y	1500	Nb	10	-	10	1
Valencia (Cahireiveen)	1029·2	+1	SE	1	o	44	85	8	4000	St Cu	10	-	10	2
Roches Point	1029·8	+1	NW	2	bc+	44	92	Y	-	-	-	Ci Cu	4	0
Pembroke (St. Ann's H.)	1028·5	+2	NNW	1	b	45	85	8	5/50	Cu	1	-	1	3
Ross-on-Wye	1025·6	+3	N	2	bv	46	75	9	-	-	-	-	-	*
Benson	1022·4	+2	NNW	4	b	43	75	Y	-	-	-	-	-	*
S. Farnborough ...	1022·7	+2	NNW	5	c+	43	75	8	1500	St Cu	5	A Cu	Y	*
London	1021·2	+3	NNW	4	c+	44	85	8	2500	St	6	A St	8	*
Croydon	1020·9	+2	N	5	o/r	43	85	8	1500	St Cu	10	-	10	*
Clacton-on-Sea ...	1018·3	+4	NNW	3	PR	43	92	6	2500	Nb	10	-	10	0
Shoeburyness	1019·0	+5	NW	3	r.r.	44	85	4	1500	Nb	10	-	10	*
Grain	1019·4	+1	NNW	6	r.r.	44	94	Y	800	Nb	10	-	10	3
Lympne	1017·0	+2	N	6	od	43	94	Y	450	Nb	10	-	10	*
Scilly (St. Mary's) ...	1028·4	+1	N	3	b	44	75	8	4000	Cu	1	Ci	3	*
Falmouth	1027·0	+2	NNW	3	b	45	75	8	-	Cu Nb	2	-	2	*
Plymouth	1026·4	+2	NNW	4	b-	44	85	9	-	-	-	-	-	*
Portland Bill	1023·3	+3	NW	5	b	50	85	5	-	-	-	-	-	6
Calshot	1022·6	+2	N	5	b	44	75	8	-	-	-	A Cu	2	0
Dungeness	1016·1	-1	N	5	od	45	94	Y	450	St	10	-	10	4
Jersey (Guernsey Ih.)	1023·6	+1	NNW	4	b	47	75	8	-	-	-	-	-	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR SATURDAY 23rd APR

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature Max. °F.	Temperature Min. °F.	Rainfall.† Night 18h.-9h. 22nd-23rd mm.	Rainfall.† Day 9h.-18h. 23rd mm.	Sunshine. Sunrise to 17h. 23rd hr.	Sunshine. Sunrise to Sunset. 22nd hr.
Banff	cp.b	bc.b	52	41	3	1	5·4	6.9
Montrose	bc.c		56	42	4	0.4	4.5	6.6
Llandudno	c.b	cc.b	52	44	0.4	-	4·8	8·8
Colwyn Bay ...	b	b	53	43	1	-	5·7	8·6
Rhyl	pc.bc	c.bc	51	35	1	-	6.0	8·8
Southport	bc.b	bc.b	51	46	6	-	7·6	10.1
Blackpool	cp.bc		52	43	7	0.4	7.0	0.0
Harrogate	o.bc	bc	54	41	2	1	4·5	9·3
Skegness	or	op.co	51	43	1	4	0.0	5·2
Aberystwyth ...	r.o.c	bcr	50	46	3	2	3.0	9.0
Bath	do.c.bc	bbcl	59	45	1	-	5·1	2·8
Leamington Spa ...	o	cbl	56	40	-	2	4·5	5.0
Lowestoft	op	op	50	42	-	1	0.0	1.0
Felixstowe	o	omr	50	44	-	5	0.2	3.0
Southend	odr	or.pc	52	43	trace	5	0.6	1.9
Ilfracombe	ocbc	bccpb	52	46	5	0.2	7.1	7.1
Bude	r.c.bc	b	54	45	4	-	7·2	8.5
Penzance	bc.b	b	56	47	5	-	9·8	7.5
Torquay	rcbcb	bbcc	61	46	2	-	6.5	8·8
Weymouth	c.bc	bc	62	47	5	-	6.4	7·2
Bournemouth ...	r	o.b	60	44	4	-	7.0	5.5
Portsmouth (S'thsea)	-	-	60	45	2	-	5.1	
Worthing	or.c	c.bc	60	43	0.3	1	3.0	5.8
Brighton	od	o.cbc	57	43	1	1	2.6	4·7
Eastbourne	or	r.o.cpc	55	45	-	4	1.2	4.8
Hastings	or	or.bcb	52	46	-	2	0.5	4.6
Folkestone	or.o	o	54	41	-	1	0.0	3.7
Tunbridge Wells ...	or	ocbct	56	40	-	2	0.9	2.3
Ramsgate	o	o	50	41	-	-	0.3	4·8
Margate	or	o	52	43	-	2	0.0	3.0

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 21,704 Monday, 25th April 1921. Page 1.

Observations at 1300 G.M.T. 24th

Stations	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1028·5	+2	S	2	b+	50	85	6	·	·	·	A Cu	3	*
Stornoway	1028·5	0	S	2	c	48	75	7	2500	Cu	4	A St	8	*
Wick	1028·8	+3	S	2	b+	48	92	8	7200	Cu	2	-	2	*
Castlebay	1024·8	0	S	4	bc	49	85	8	·	St Cu	6	Ci St	6	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1028·8	0	ENE	3	b+	52	75	8	4000	Cu	1	·	1	*
Malin Head	1027·6	0	S	2	b	54	75	8	·	·	·	Ci Cu	1	*
Renfrew	1029·3	-1	-	0	b [red correction]	55	45 [red]	6 [red]	4000	Cu	1	·	1	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1027·3	-1	NNE	3	b	54	55	8	7200	Cu	2	-	2	*
Tynemouth	1027·3	0	NE	4	b	46	85	5	-	·	·	A Cu	4	*
Blacksod Point	1025·9	0	S	3	c	53	75	8	5750	St Cu	8	·	8	*
Donaghadee	1028·3	-1	E	1	bc	51	75	8	5750	Cu	2	Ci	4	*
Birr Castle	1028·5	*	SW	1	bc+	56	65	8	4000	-	-	A Cu	6	*
Baldonnell	1029·1	-1	-	0	bc+	54	55	7	4000	Cu	4	-	4	*
Holyhead	1028·8	+1	NNW	3	b-	53	85	9	2500	Cu	1	-	1	*
Liverpool (Bidston)	1027·5	0	WNW	3	bv	47	65	9	·	·	·	·	·	*
Manchester (Alex. Pk.)	1026·5	-1	N	3	b+	57	45	8	2500	Cu	2	A St	3	*
Howden	1025·8	+1	N	5	o	48	85	6 [red; 9 struck]	2500 [red; 800 struck]	St Cu	9	A St	10	*
Spurn Head	1023·4	+1	NNE	6	b	48	85	8	1500	St	7	A St	9	*
Nottingham	1025·1	*	NNE	4	c+	53	65	6	2500	St Cu	5	Ci St	8	*
Cranwell	1025·1	+1	N	5	o	47	97	8	4000	St Cu	10	·	10	*
Gorleston	1020·7	+1	N	5	c	50	75	8	-	·	·	A Cu	8	*
Pulham	1021·6	0	NNW	5	o	52	85	6	1500	St Cu	10	·	10	*
Felixstowe	1021·5	+2	N	4	c+	55	65	8	2500	Cu	8	·	8	*
Valencia (Cahirciveen)	1028·9	-1	S	3	c	54	65	8	4000	St Cu	3	A Cu	7	*
Roches Point	1029·9	0	S	2	bc	51	75	8	4000	Cu	1	Ci	5	*
Pembroke (St. Ann's H.)	1028·8	+1	N	3	by	51	75	9	·	·	-	·	-	*
Ross-on-Wye	1025·2	0	NNE	3	b	57	55	8	5750	Cu	1	·	1	*
Benson	1024·2	+1	NNE	5	o	52	65	7	·	St	8	·	8	*
S. Farnborough	1025·6	+2	N	4	o	49	75	8	1500	St Cu	10	·	10	*
London	1023·8	+2	N	4	o	48	75	6	2500	St	9	A St	10	*
Croydon	1023·3	+3	N	5	or₀	46	92	5	800	Nb	10	·	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1022·7 [struck in red]	+1	N	3	c.	53	65	*	1500	Cu	8	·	8	*
Grain	1022·2	+3	N	4	o/r	51	75	7	1500	St Cu	10	·	10	*
Lympne	1020·6	+2	N	6	c.	51	75	8	1200	St Cu	8	·	8	*
Scilly (St. Mary's)	1028·6	0	N	3	b	53	75	9	4000	Cu	1	Ci	2	*
Falmouth	1028·0	+1	N	4	b	53	55	8	·	Cu	1	-	1	*
Plymouth	1026·2	0	N	4	bv	54	55	9	4000	Cu	1	-	1	*
Portland Bill	1025·3	0	NNW	5	b	53	85	8	-	-	-	-	-	*
Calshot	1024·3	+3	NNE	4	o	52 [red correction]	65	8	4000 [red; 5750 struck]	St Cu	10	·	10	*
Dungeness	1020·1	+3	NNE	4	bc	52	85	8	5750	Cu	4	·	4	*
Jersey	1024·5	0	NW	5	b	53	65	8	2500	St Cu	8	·	8	*

Observations at 1800 G.M.T. 24th

Stations	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1028·7	0	S	1	b+	50	75	7	-	-	-	-	-	0
Stornoway	1027·8	0	S	3	bo	51	55	8	5750	-	-	Ci St	5	0
Wick	1029·0	+1	E	3	b+	46	92	8	4250	-	-	Ci Cu	2	0
Castlebay	1027·8	0	SSE	4	bo	48	97	8	2500	St	3	Ci St	4	4
Nairn	1028·3	*	ENE	1	bc	50	*	*	*	*	*	*	*	*
Aberdeen	1029·1	+1	ENE	3	b-	47	85	8	*	-	-	-	·	3
Malin Head	1026·4	-2	E	2	bc	49	92	8	-	-	-	A Cu	4	2
Renfrew	1027·8	-1	NNE	1	bc	55	58	7	4000	Cu	2	Ci	5	*
Leith	1028·1	0	E	3	b	51	65	8	-	-	-	-	-	*
Eskdalemuir	1027·6	0	NE	4	b+	50	55	8	-	-	-	Ci St	1	*
Tynemouth	1027·2	0	NNE	4	b+	46	92	8	-	-	-	Ci Cu	2	1
Blacksod Point	1024·5	-2	SW	3	o	51	85	8	2500	Cu Nb	9	·	9	0
Donaghadee	1028·0	-1	E	1	b.	50	65	8	*	-	-	-	·	0
Birr Castle	1028·9	*	SW	1	b	57	65	7	-	-	-	Ci Cu	3	*
Baldonnell	1028·3	0	E	3	bc	49	65	8	-	-	-	Ci St	5	*
Holyhead	1027·9	-1	NNW	2	b.	50	85	8	-	-	-	-	-	0
Liverpool (Bidston)	1026·9	0	NW	4	b-	49	65	9	·	·	·	-	·	4
Manchester (Alex. Pk.)	1026·1	0	ENE	3	c	53	55	7	2500	St Cu	1	A Cu	6	*
Howden	1025·7	0	N	5	o	47	85	7	2500	St Cu	5	A Cu	8	*
Spurn Head	1023·4	0	N	6	o	48	92	8	5750	St Cu	8	·	8	4
Nottingham	1025·3	*	NNE	3	o	50	75	6	2500	Nb	3	A Cu	8	*
Cranwell	1024·9	0	N	5	o	49	92	8	2500	St Cu	9	-	9	*
Gorleston	1020·4	0	N	5	r₀r₀	45	92	7	1500	Nb	10	-	10	4
Pulham	1021·7	0	N	5	r₀	47	85	7	800	Nb	10	·	10	*
Felixstowe	1021·5	0	NNW	5	o	49	75	7	1500	Nb	10	·	10	2
Valencia (Cahirciveen)	1027·4	-1	S	3	o	51	75	8	4000	St Cu	9	-	9	0
Roches Point	1028·7	-1	SW	3	b-	51	75	8	·	-	-	-	·	0
Pembroke (St. Ann's H.)	1028·5	-1	NNE	2	b-	48	82	9	·	-	-	-	-	1
Ross-on-Wye	1024·8	-1	N	3	b.	53	55	8	-	·	-	·	-	*
Benson	1024·0	0	NNE	4	o	51	65	7	-	St Cu	9	-	9	*
S. Farnborough	1023·6	0	NNW	3	o	50	75	8	1500	St Cu	9	-	9	*
London	1023·3	0	N	3	o	48	75	7	2500	St	3	A Cu	10	*
Croydon	1023·6	+1	N	5	o	47	85	6	800	St	10	·	10	*
Clacton-on-Sea	1021·2	0	NNW	4	c-	51	75	7	1500	Cu Nb	3	A Cu	7	0
Shoeburyness	1022·0	0	N	3	c.	49	75	7	800	Nb	5	A Cu	7	*
Grain	1022·9	0	NNW	4	o	49	85	8	800	Cu	8	·	8	*
Lympne	1021·2	0	N	5	opr₀	48	85	4	700	Nb	10	·	10	*
Scilly (St. Mary's)	1028·8	0	NNW	2	b.	51	85	8	·	-	-	Ci	1	4
Falmouth	1027·0	-1	NNW	4	b+	50	65	8	·	Cu	1	-	1	*
Plymouth	1025·4	0	NNW	4	b-	52	75	9	r	-	-	-	-	*
Portland Bill	1023·3	0	NNW	4	bc	52	85	8	1500	Cu	3	-	3	3
Calshot	1024·5	+1	NE	3	b+	[struck in red]	55	8	4000	St Cu	2	-	2	0 (53 in red, right margin)
Dungeness	1020·8	0	NNE	4	o	51	75	7	4250	Nb	9	·	9	4
Jersey	1024·5	0	N	4	c+	[struck in red]	75	8	2500	St Cu	8	·	8	3 (52 in red, right margin)

London Observations (Weather, Temperature and Rainfall: 24 hours ended 0900 G.M.T. 25th; Sunshine and 15h. Humidity: Yesterday; 9h. Humidity: To-day)

London Observations	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. °F.	Temp. Min. °F.	Min. on Grass °F.	Rainfall mm.	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. %	Humidity 9h. G.M.T. %
Kew (24 hours ended 0700)	r or d	0.0	c	*	*	41	1	0.1	*	*
Croydon (24 hours ended 0700)	r or d	0.0	r or d	*	*	41	0.2	*	*	*
Greenwich (Royal Obsy.)	o.od	o	od.r	55	42	41	2	0.4	71	96
City (Bunhill Row)	*	*	*	*	*	*	*	0.7	*	*
Westminster (St. James' Pk.)	*	*	*	53	42	40	2	0.8	68	93
Regents Pk. (Botanical Gdns.)	*	*	*	*	*	*	*	0.8	*	*
Camden Sq. (Brit. Rainfall)	—	—	*	55	42	37	2	*	—	95
Kensington Palace	o.c	co	*	51	41	41	1.8	*	82 (18h)	94
Hampstead Observatory	*	*	*	50	40	38	3	0.3	*	94

Atmospheric Pollution. Lbs. of Solid impurity per million cubic yards.

24 Hr. ended 1600 G.M.T. ....

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.

Solar Radiation. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total 500 joules

Average Rate 9.7 Milliwatts.

Maximum Rate 46 Milliwatts.

Pole Star Record at Greenwich Obsy.

Exposure from 24th 20 h. 30 m. to 25th 3 h. 30 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	7.0	0.0	0
δ Ursae Minoris	7.0	0.0	0

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.

25th & 26th April 1921.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·37 / 4·35	11·57 / 11·57	7·07 / 7·6
Greenwich	4·47 / 4·45	11·58 / 11·58	7·9 / 7·11
Wick	4·58 / 4·55	12·10 / 12·10	7·42 / 7·45
Valencia	5·27 / 5·25	12·39 / 12·39	7·52 / 7·54

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, i.e., rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; − = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
r₀r₀ = continuous light rain.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Sea Disturbance.

0 = no swell, 1 = mod. swell, 2 = heavy swell } Calm or slight sea.
3 = no swell, 4 = mod. swell, 5 = heavy swell } Moderate sea.
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

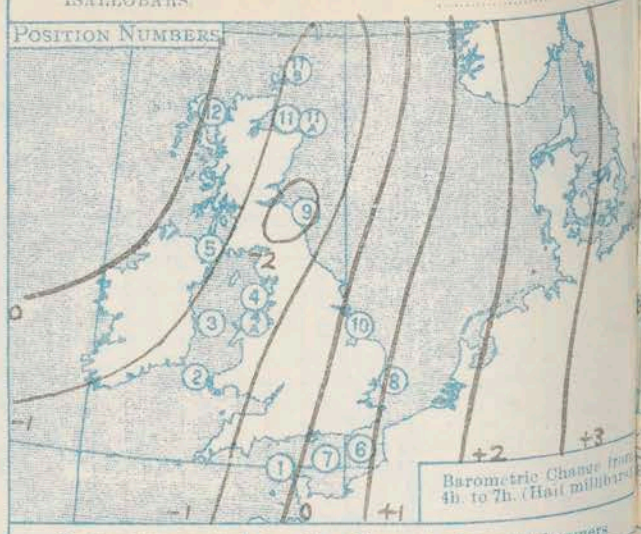
* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

SUMMARIES FOR THE PAST 24 HOURS

STATIONS.	WEATHER. 7h.-13h. 24th	13h.-18h. 24th	18h. 24th to 1h. 25th	1h.-7h. 25th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL† Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	SUN Hours.
Lerwick	b or bc	b or bc	b or bc	b or bc	52	40	*	-	-		*
Stornoway	b or bc	b or bc	b or bc	b or bc	52	38	*	-	-		11.3
Wick	b or bc	b or bc	b or bc	form	50	30	*	-	-		*
Castlebay	b or bc	b or bc	c		49	46	*	-	-		11.2
Nairn	b	b bc	b c c		52	32	*	-	-		12.5
Aberdeen	b or bc	b or bc	c		54	37	30	-	trace		13.6
Malin Head	b or bc	b or bc	b or bc	b or bc	55	42	*	-	-		11.5
Renfrew	b or bc	b or bc	b or bc		58	31 ~~32~~	21	-	-		11.3
Leith	b or bc		form		56	38	33	-	-		*
Eskdalemuir	b or bc	b or bc	b or bc	c	55	31	24	-	-		13.8
Tynemouth	b or bc	b or bc	0.0	r or d	47	43	*	-	0.6	2.30	*
Blacksod Point ...	c	b or bc	c	c	54	44	*	-	-		*
Donaghadee	b or bc	b or bc	b or bc		52	39	*	-	-		*
Birr Castle	c	c	c		57	35	27	-	-		11.7
Baldonnell	b or bc	b or bc	b or bc	b or bc	55	30	23	-	-		11.7
Holyhead	b or bc	b or bc	b or bc	b or bc	53	43	33	-	-		12.6
Liverpool (Bidston) ...	b or bc	b or bc	c		51	44	34	-	1	6.30	14.0
Manchester (Alex.Pk.)	c	c	c		59	43	32	-	0.1	4.30	*
Howden	00	c	r or d	r or d	53	42	39	-	2	2400	7.5
Spurn Head	00	c	p	0.0	49	42	*	-	4	-	*
Nottingham	c	c	r or d		54	43	41	-	1	2400	5.8
Cranwell	c	c	r or d	r or d	51	41	41	trace	2	-	3.5
Gorleston	c	00	p	c	52	44	41	1	2	1630	~~0.0~~ 8.8
Pulham	c	r or d	r or d	r or d	53	43	41	1	1	9.0	3.3
Felixstowe	p	00	p	c	56	44	*	trace	trace	9.0	~~3~~ 2.5
Valencia (Cahirciveen)	b or bc	c	c	0.0	49	47	?	-	-	.	4.5
Roches Point	b or bc	b or bc	b or bc		53	39	*	-	0.2		*
Pembroke (St. Ann's H.)	b or bc	b or bc	b or bc	b or bc	52	41	*	-	-		13.2
Ross-on-Wye	b or bc	b or bc	b or bc		58	40	32	-	-		13.3
Benson	c	c	r or d		53	42	35	-	0.4	4.30	*
S. Farnborough ...	00	00	r or d		58	42	37	-	0.1	6.30	1.6
London	r or d	00	c		51	~~43~~ 41	41	-	0.6	5.30	0.1
Croydon	r or d	00	r or d	r or d	50	42	41	trace	0.2	2400	*
Clacton-on-Sea ...		p	p		54	44	42	0.3	0.1		2.8
Shoeburyness	00	c	r or d		54	43	42	-	0.1	2200	0.2
Grain	00	00	r or d		53	43	40	trace	1		0.1
Lympne	r or d ~~b or bc~~	p	p	0.0	52	42	41	2	0.1		2.9
Scilly (St. Mary's) ...	b or bc	b or bc	b or bc	b or bc	54	44	*	-	-		12.8
Falmouth	b or bc	b or bc	b or bc	b or bc	55	40	37	-	-		12.6
Plymouth	b or bc	b or bc	b or bc		56	40	30	-	-		13.6
Portland Bill	b or bc	b or bc	b or bc	b or bc	55	42	*	-	-		*
Calshot	p	~~p~~ c	c	r or d	55	43	41	1 -	1 -	9.0	9.9
Dungeness	r or d	p	c	c	55	44	*	2	0.4	2400	4
Jersey	b or bc	c	b or bc	c	55	41	*	-	-		~~5~~ 9.3

ISALLOBARS. ..... 1921.

POSITION NUMBERS



Temperature reported from Cross Channel and Coastal Steamers

Position Number	4A.	3.	6.
Date	24th	24th	24th
Time G.M.T.	0700	1045	1340
Sea ° F	46	47	50
Air ° F	45	47	51

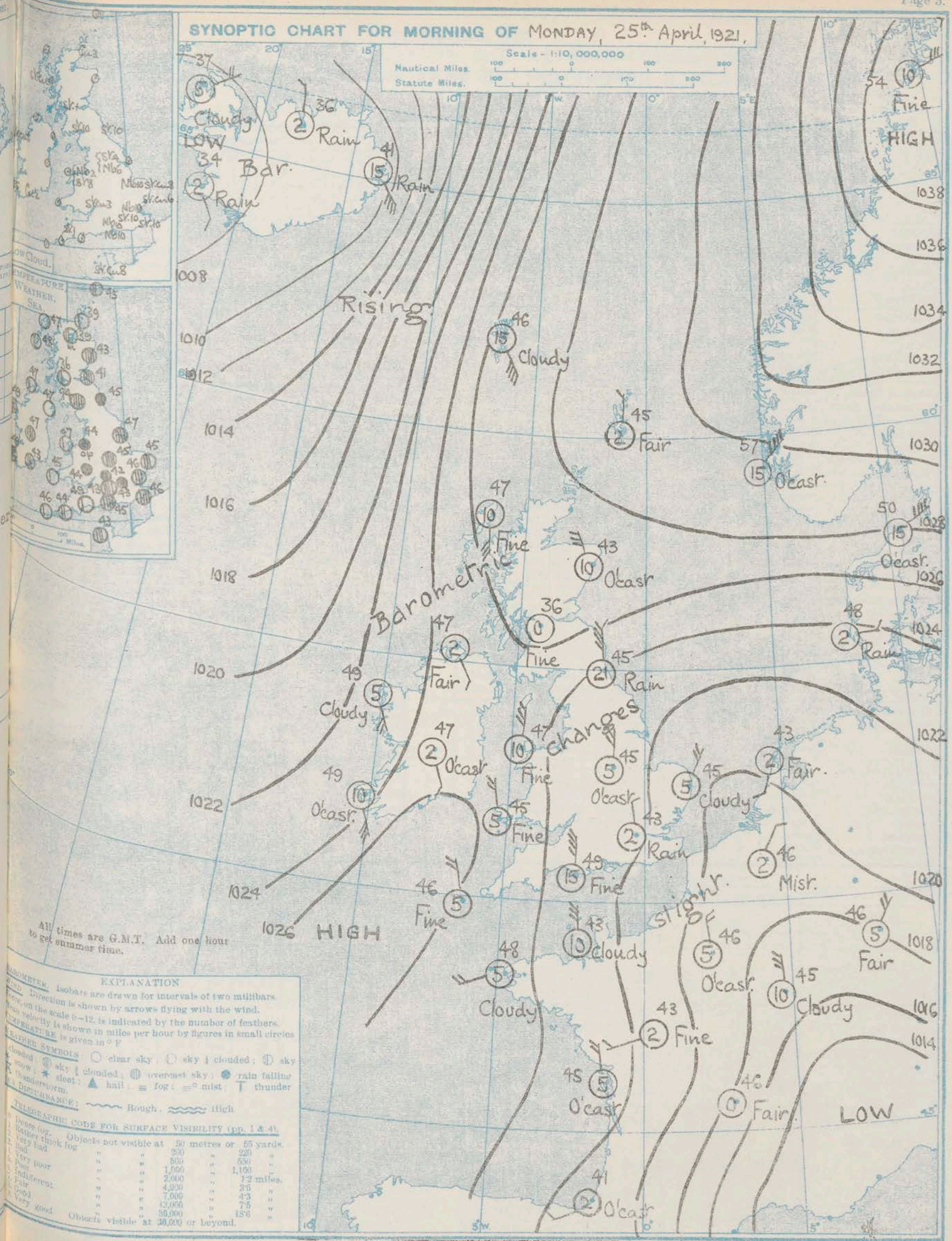
GENERAL INFERENCE.

A depression over Holland will fill up and cause the Northerly winds over England to decrease. Variable breezes and rather unsettled weather will prevail generally for the next 24 hours with fair intervals in the West.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday 25th April 1921	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light Northerly to indefinite breezes; much low cloud, some rain or drizzle; visibility indifferent to fair; cool.	None issued.
5. S.W. England 6. South Wales	Light indefinite breezes; mainly fair; visibility fair to good; moderate temperature.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Same as 1 - 4.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Light indefinite breezes; varying amount of cloud, occasional showers locally; visibility fair; moderate temperature.	
14. N.& N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light S.E. wind; cloudy, but bright intervals; visibility fair to good; moderate temperature.	

E.V.N.

SYNOPTIC CHART FOR MORNING OF MONDAY, 25th April, 1921.



All times are G.M.T. Add one hour to get summer time.

EXPLANATION

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind.
Force, on the scale 0–12, is indicated by the number of feathers.
Wind velocity is shown in miles per hour by figures in small circles.
TEMPERATURE is given in ° F.
WEATHER SYMBOLS: clear sky; sky ¼ clouded; sky ½ clouded; sky ¾ clouded; overcast sky; rain falling; snow; sleet; hail; fog; mist; thunder; thunderstorm.
SEA DISTURBANCE: Rough. High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (pp. 1 & 4).

0. Dense fog.	Objects not visible at	50	metres or	55	yards.
1. Rather thick fog	"	"	200	"	220 "
2. Very bad	"	"	500	"	550 "
3. Very poor	"	"	1,000	"	1,100 "
4. Poor	"	"	2,000	"	1·2 miles.
5. Indifferent	"	"	4,000	"	2·5 "
6. Fair	"	"	7,000	"	4·3 "
7. Good	"	"	12,000	"	7·5 "
8. Very good	"	"	30,000	"	18·6 "
	Objects visible at 30,000 or beyond.				

H.M. Stationery Office Press, Kingsway, W.C.2.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION...MONDAY...25th APRIL...1921. No. 115

Observations at 0100 G.M.T. 25th / Observations at 0700 G.M.T. 25th

STATIONS.	0100 Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Low Cloud Form.	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9	0700 Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Low Cloud Form.	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	10305	0	-	0	b	42	97	7	-	-	-	-	-	*	10289	-1	N	1	bc	45	97	6	-	-	-	Ci.St	5	0
Stornoway	10286	+2	SW	2	b	*	*	7	*	*	*	*	*	*	10265	0	S	3	b	47	85	8	-	-	-	-	3	0
Wick	10284	0	-	0	b	42	97	8	-	-	-	-	-	*	10273	-1	W	1	fb+	39	97	7	7250	Cu	3	-	4	3
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10254	0	SE	4	bc	48	92	6	2500	St.Cu	4	-	1	
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10276	*	-	0	bc	39	*	*	*	*	*	A.St	10	0
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10267	-1	NW	3	fo	43	92	7	-	-	-	-	-	1
Malin Head	10259	-1	SSE	2	o	46	92	6	-	-	-	Ci.St	10	*	10241	0	SE	1	bc	47	85	7	-	-	-	A.Cu	4	*
Renfrew	10281	-1	-	0	b	38	92	5	-	-	-	-	-	*	10261	-1	-	0	b	36	97	3	2500	St	1	Ci.St	3	
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10252	-2	SW	2	o	41	85	5	1500	St	10	-	10	*
Eskdalemuir	10275	-3	-	0	b	33	75	7	4000	St.Cu	2	-	2	*	10245	-1	NNE	2	o	44	75	8	4000	St.	10	-	10	1
Tynemouth	10258	-3	NNW	4	o	44	92	7	2500	St	10	-	10	*	10225	-	N	5	rr	45	97	5	1500	St	10	-	10	1
Blacksod Point	10242	-2	W	3	o	50	85	7	4000	St.Cu	10	-	10	*	10224	0	SSE	2	c+	49	85	8	5750	St.Cu	8	-	8	0
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10254	-1	N	1	b	47	85	8	-	-	-	-	-	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10254	*	SSE	1	c+	47	85	7	7250	Cu.Nb	3	Ci.Cu	7	*
Baldonnell	10273	-2	W	1	b	36	85	7	-	-	-	Ci	1	*	10257	0	-	0	c	40	85	8	-	-	-	A.St	7	0
Holyhead	10260	-1	NE	1	b	*	*	8	-	-	-	-	-	*	10243	-1	N	3	b	47	85	8	-	-	-	A.St	2	0
Liverpool (Bidston)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10235	-1	NW	1	pro	44	92	6	2500	St	10	-	10	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10232	-1	WSW	2	ror	44	85	4	2500	Nb	10	-	10	*
Howden	10238	-2	N	4	ror	43	92	5	800	Nb	10	-	10	*	10222	0	-	0	d.d.	44	97	5	800	Nb	10	-	10	1
Spurn Head	10218	-2	N	5	r	42	92	7	450	St	10	-	10	*	10224	+1	N	3	o	47	85	7	-	-	-	A.St	10	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10223	*	N	2	o/r	45	92	4	4000	Nb	8	Ci.St	10	*
Cranwell	10233	-2	NNW	4	r	43	97	7	800	Nb	10	-	10	*	10226	+1	NNW	2	d.d.	43	97	5	450	Nb	10	-	10	0
Gorleston	10203	-1	N	4	o/r	45	97	8	-	?	?	?	10	*	10204	+1	N	2	c-	45	92	7	7250	St.Cu	8	-	8	*
Pulham	10208	-2	NNW	3	d.d.	45	97	6	2500	Nb	10	-	10	*	10212	+2	-	0	o	46	92	5	4000	St.Cu	9	-	9	1
Felixstowe	10209	-1	NNW	3	o	45	97	7	2500	St.Cu	10	-	10	*	10214	+1	N	3	bc	47	85	7	1500	St.Cu	6	-	6	*
Valencia (Cahirciveen)	10264	-2	W	3	coll	49	*	5	-	St.Cu	7	-	7	*	10238	-1	SSE	3	o	49	85	8	1500	St	5	A.St	5	0
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10262	-1	S	1	c+	43	97	7	1500	Cu	2	A.Cu	7	1
Pembroke (St.Ann's H.)	10266	-1	N	2	b	43	92	9	-	-	-	-	-	*	10250	-1	NW	2	b	45	75	9	-	-	-	Ci	2	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10235	0	-	0	do	44	75	9	4000	St.Cu	3	A.St	10	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10225	+1	NNW	2	do	42	97	5	-	Nb	10	-	10	*
S. Farnborough	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10220	+1	WNW	2	o/r	43	92	8	800	Nb	10	-	10	*
London	10227	-1	*	*	*	46	*	*	*	*	*	*	*	*	10222	+1	NW	1	ror	43	92	5	1500	St	10	-	10	*
Croydon	10229	-2	N	3	o/r	45	85	6	1500	St	10	-	10	*	10224	+1	N	2	ror	42	92	5	1500	St	10	-	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10208	0	NNW	3	c	46	92	7	5750	St.Cu	8	-	8	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10213	0	-	0	o/r	45	85	7	1500	St.Cu	8	A.St	10	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10214	+1	NW	2	o/r	42	97	7	1500	St	10	-	10	*
Lympne	10205	0	N	5	o	43	92	7	500	St	10	-	10	*	10207	+1	NNW	3	o	44	92	7	450	St.	10	-	10	1
Scilly (St. Mary's)	10274	-1	N	2	b	45	97	8	-	-	-	-	-	*	10259	-2	NNW	2	bc	46	97	8	-	-	-	Ci.Cu	4	
Falmouth	10260	-2	NNW	2	b	42	85	9	-	-	-	-	-	*	10240	0	NNW	3	bc	44	85	7	-	-	-	Ci.Cu	4	
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10243	0	NNW	3	b+	42	92	8	1500	St.	1	Ci.St	3	
Portland Bill	10233	0	NNW	4	b	52	85	8	1500	Cu	3	-	3	*	10227	-1	N	4	b	49	85	8	-	-	-	Ci.Cu	3	0
Calshot	10233	0	NNW	3	c+	45	85	8	5750	St.Cu	7	-	7	*	10230	-1	N	3	ror	45	85	7	1500	Nb	10	-	10	3
Dungeness	10208	0	N	3	do	44	97	8	-	?	?	?	8	*	10203	-1	N	3	o	46	97	7	-	?	-	?	10	0
Jersey (Guernsey 1h.)	10252	0	N	2	b	46	92	8	-	-	-	A.St	1	*	10231	0	N	3	c	43	92	8	4000	St.Cu	8	-	8	

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR APRIL 24th 1921.

STATIONS.	Weather Fore-noon.	Weather After-noon.	Temperature Max. °F.	Temperature Min. °F.	Rainfall† Night 18h.-9h. 23rd-24th mm.	Rainfall† Day 9h.-18h. 24th mm.	Sunshine Sunrise to 17h. 24th hr.	Sunshine Sunrise to Sunset 23rd hr.
Banff	b	b	49	32	-	-	11.5	9.1
Montrose								
Llandudno	b.	b.bc	52	43	-	-	11.6	9.4
Colwyn Bay	b	b	52	42	-	-	10.4	10.3
Rhyl	bc.b	b	50	43	-	-	11.6	10.5
Southport	b	b	51	38	-	-	11.7	12.5
Blackpool	b	bc	51	36	-	-	11.1	11.4
Harrogate	b	bbc	53	37	-	-	10.5	10.9
Skegness	o	o	49	42	1	-	0.0	4.4
Aberystwyth	bc.b	bbc	51	35	-	-	11.0 ~~12.0~~	10.3
Bath	b	b	58	40	-	-	10.9	2.9
Leamington Spa	b	.b	57	37	-	-	11.5 ~~12.6~~	5.0
Lowestoft								
Felixstowe	om	bc	55	41	2	-	3.3	4.0
Southend	or	o	54	41	1	-	1.9	2.1

STATIONS.	Weather Fore-noon.	Weather After-noon.	Temperature Max. °F.	Temperature Min. °F.	Rainfall† Night 18h.-9h. 23rd-24th mm.	Rainfall† Day 9h.-18h. 24th mm.	Sunshine Sunrise to 17h. 24th hr.	Sunshine Sunrise to Sunset 23rd hr.
Ilfracombe	b	b	54	44	-	-	11.8	8.4
Bude	b	b	52	43	-	-	11.4	9.3
Penzance	bc.b	b.bc	55	43	-	-	10.8	7.9
Torquay	b	by	60	?	0.2	-	11.9	10.1
Weymouth	b	bbc.c	62	39	-	-	11.1	8.1
Bournemouth	b	b	58	40	-	-	11.0	6.0
Portsmouth (S'thsea)			55	41	-	-	8.5	4.6
Worthing	o	cbc	52	40	4	-	1.8	5.5
Brighton	o	ocba	52	41	0.2	-	2.5	4.4
Eastbourne	oco	oc	55	41	1	-	3.2	5.0
Hastings	odo	ocbcc	53	42	3	0.2	4.1	[illegible]
Folkestone	oro	co	56	42	1	0.3	3.6	[illegible]
Tunbridge Wells	o	o	58	41	1	-	0.4	[illegible]
Ramsgate	o	o	52	42	6	-	3.6	[illegible]
Margate	b	b.bc	50	42	12	-	2.6	[illegible]

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.21705 TUESDAY 26th APRIL 1921.

Observations at 1300 G.M.T. 25th

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1028.7	0	S	4	0+	53	85	8	-	-	-	Ci.St	10	*
Stornoway	1024.7	-2	S	3	b	57	55	8	-	-	-	-	0	*
Wick	1025.8	-1	ESE	2	ff o	47	97	2	<150	St	10	-	10	*
Castlebay	1023.8	-1	E	2	b	52	85	6	-	-	-	-	-	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1026.4	+1	SE	3	o/f	47	92	7	1500	St	10	-	10	*
Malin Head	1021.8	-4	E	2	b-	52	97	8	-	-	-	Ci.Cu	2	*
Renfrew	1024.0	-1	NE	3	o/r	48	85	6	1500	St.Cu	10	-	10	*
Leith	1023.9	*	E	3	c	47	97	7	2500	St.Cu	6	-	6	*
Eskdalemuir	1023.0	0	ENE	3	o/r	47	85	7	1500	St	10	-	10	*
Tynemouth	1023.0	+1	ESE	2	b/f	47	97	7	4000	Cu	2	-	2	*
Blacksod Point	1019.9	-2	SE	1	0	52	85	8	4000	St.Cu	10	-	10	*
Donaghadee	1022.7	-1	N	2	c+	50	75	8	4000	St.Cu	8	-	8	*
Birr Castle	1022.1	*	SW	1	c+	58	65	8	-	-	-	Ci.Cu	8	*
Baldonnell	1022.5	-4	NNE	1	bc	57	55	6	-	-	-	Ci.St	6	*
Holyhead	1022.7	-2	NNW	3	o	49	85	8	5750	St.Cu	10	-	10	*
Liverpool (Bidston)	1022.3	-1	-	0	r₀r₀	47	85	6	4000	Nb	10	-	10	*
Manchester (Alex.Pk.)	1022.7	0	W	2	o	46	85	4	1500	St	10	-	10	*
Howden	1022.5	0	-	0	r₀r₀	50	92	6	800	Nb	9	-	9	*
Spurn Head	1022.7	0	ENE	2	b	52	85	8	7250	Cu.Nb	3	-	3	*
Nottingham	1022.4	*	SE	2	b-	55	65	6	4000	Cu	3	-	3	*
Cranwell	1023.3	0	NNE	1	o	5/10	85	8	1500	Cu	10	-	10	*
Gorleston	1021.3	+1	NNE	3	bc-	53	75	8	5750	Cu	1	Ci.Cu	5	*
Pulham	1021.6	0	ENE	1	o	54	75	6	4000	St.Cu	9	-	9	*
Felixstowe	1022.5	0	E	2	bc	51	85	7	7250	St.Cu	3	Ci	4	*
Valencia (Cahirciveen)	1021.6	-3	S	4	o	53	75	8	1500	St.Cu	7	A.St	10	*
Roches Point	1023.8	-3	SSW	2	o+	53	85	8	1500	St.Cu	6	Ci	9	*
Pembroke (St.Ann's H.)	1023.4	-1	WNW	2	b	51	75	9	4000	Cu	1	Ci	3	*
Ross-on-Wye	1022.4	-1	NE	1	o	50	65	8	4000	St.Cu	10	-	10	*
Benson	1022.2	0	NNW	1	o	50	85	6	-	St	10	-	10	*
S. Farnborough	1022.0	0	ENE	2	o	52	75	8	1500	St.Cu	10	-	10	*
London	1021.9	0	NE	2	o/r	51	65	6	4000	Cu	5	A.Cu	9	*
Croydon	1022.3	0	-	0	o/r	50	75	5	1500	St	10	-	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1022.2	+1	ESE	2	bc+	53	65	7	4000	Cu	4	A.Cu	5	*
Grain	1021.0	0	ENE	2	bc-	51	85	8	4000	St.Cu	5	-	5	*
Lympne	1021.4	+1	NE	2	o/r	48	92	8	450	St	9	A.St	10	*
Scilly (St. Mary's)	1024.5	-1	NW	1	bc	53	85	8	4000	Cu	1	A.Cu	5	*
Falmouth	1023.1	-2	NNW	2	c	57	75	8	-	-	-	Ci.St	7	*
Plymouth	1022.2	-3	SW	3	bc+	55	75	8	4000	Cu	3	Ci	5	*
Portland Bill	1022.7	0	W	4	bc+	50	92	8	-	-	-	A.Cu	6	*
Calshot	1022.3	0	N	2	o/r	51	75	8	2500	St.Cu	10	-	10	*
Dungeness	1021.5	0	N	2	o+	50	97	7	7250	St.Cu	9	-	9	*
Jersey	1022.6	0	NNW	3	c	54	65	8	4000	St.Cu	8	-	8	*

Observations at 1800 G.M.T. 25th

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1028.4	-2	SE	3	o	50	85	7	-	-	-	Ci.St	10	2
Stornoway	1022.6	-2	E	2	b-	55	75	8	-	-	-	Ci.St	2	0
Wick	1025.8	0	SE	2	fo-	44	97	6	450	St	10	-	10	1
Castlebay	1021.9	-1	NW	2	fb	51	85	6	2500	St	10	-	10	2
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1023.6	*	E	2	bc	55	*	*	*	*	*	*	*	*
Malin Head	1026.5	0	E	2	d_0	45	97	7	1500	St	10	-	10	0
Renfrew	1020.6	-2	ESE	3	c+	49	97	7	4000	St.Cu	5	A.Cu	7	1
Leith	1023.2	0	ENE	4	b-	50	85	7	1500	St	3	-	3	*
Eskdalemuir	*						*	*	*	*	*	*	*	*
Tynemouth	1023.0	0	E	4	c-	47	85	6	2500	St	8	-	8	*
Blacksod Point	1023.8	0	E	2	o+	47	97	5	-	-	-	A.St	10	0
Donaghadee	1018.9	-1	SW	1	d_0	51	92	7	450	St	10	-	10	0
Birr Castle	1021.9	-1	SW	1	o/r	45	97	8	5750	Nb	9	-	9	0
Baldonnell	1020.2	*	S	1	o+	55	75	6	450	St	10	-	10	*
Holyhead	1021.3	-1	E	2	c	52	65	7	-	-	-	A.St	8	*
Liverpool (Bidston)	1022.0	-1	WSW	1	r_0	46	92	8	2500	Nb	4	A.St	10	0
Manchester (Alex.Pk.)	1022.3	-1	-	0	o	47	85	6	2500	St	10	-	10	0
Howden	1022.3	0	SSE	2	c-	52	75	5	4000	St.Cu	7	-	7	*
Spurn Head	1023.0	+2	ENE	3	o	50	85	7	2500	St	9	-	9	*
Nottingham	1023.3	+1	NE	2	b	47	92	7	-	-	-	-	0	1
Cranwell	1022.6	*	E	1	o+	52	85	5	4000	St.Cu	9	-	9	*
Gorleston	1023.0	+1	E	3	bc-	51	85	7	2500	St.Cu	5	A.Cu	6	*
Pulham	1022.7	+1	RNE	3	bc	49	85	7	5750	Cu	2	Ci.Cu	4	0
Felixstowe	1022.5	+1	E	1	c-	49	75	7	4000	Cu	4	A.Cu	7	*
Valencia (Cahirciveen)	1023.2	+1	NE	2	c-	48	85	7	4000	St.Cu	6	A.St	7	1
Roches Point	1020.3	-1	SSE	4	o	50	85	8	1500	St.Cu	10	-	10	0
Pembroke (St.Ann's H.)	1022.6	-1	SSW	2	o	50	85	7	1500	St.Cu	5	A.Cu	10	0
Ross-on-Wye	1022.9	-1	WNW	1	o+	48	85	8	-	-	-	Ci.St	9	1
Benson	1022.2	-1	-	0	c-	51	75	8	4000	St.Cu	7	-	7	*
S. Farnborough	1021.8	0	NNW	1	b	53	65	6	-	Cu	3	-	3	*
London	1022.2	0	NNW	1	o-	50	85	8	1500	St	8	A.Cu	9	*
Croydon	1022.2	0	S	1	o	52	75	5	800	St	6	A.Cu	9	*
Clacton-on-Sea	1022.4	+1	S	1	o	51	75	7	5750	St.Cu	10	-	10	*
Shoeburyness	1022.6	+2	E	3	c+	49	92	7	7250	St.Cu	8	-	8	0
Grain	1022.3	+1	NW	1	bc-	49	75	7	4000	St.Cu	5	-	5	*
Lympne	1022.5	+1	E	2	b	49	85	7	-	-	-	-	-	0
Scilly (St. Mary's)	1022.0	+1	ESE	1	c-	47	92	8	1500	St	6	A.St	7	*
Falmouth	1023.7	-1	NNW	1	o+	50	85	8	2500	St	10	-	10	1
Plymouth	1022.2	-2	NNW	2	c+	52	65	8	-	St.Cu	4	Ci.Cu	7	*
Portland Bill	1021.6	-1	~~SE~~ NNW	2	o-	55	65	8	4000	St.Cu	5	Ci.St	10	*
Calshot	1023.3	+3	WSW	2	b	50	92	8	-	-	-	Ci.Cu	2	3
Dungeness	1022.4	0	-	0	c-	50	75	8	5750	St.Cu	7	-	7	0
Jersey	1021.5	0	SE	2	b	50	97	8	7250	Cu	2	-	2	2
	1022.4	0	NW	3	b	~~53~~ 54	65	8	-	-	-	Ci	1	0

52.

London Observations.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 hours ended 0900 G.M.T. 26th							Yesterday.	To-day.	
Kew	form	form	F	*	*	29	0.2	1.1	*	*
Croydon (24 hours ended 0700)	F	co	form	*	*	29	0.1	*	*	*
Greenwich (Royal Obsy.)	0	0	bc.c	59	37	29	-	1.3	43	87
City (Bunhill Row)	*	*	*	*	*	*	*	0.5	*	*
Westminster (St. James' Pk.)	*	*	*	55	42	36	*	0.7	48	86
Regents Pk. (Botanical Gdns.)	*	*	*	*	*	*	*	1.1	*	*
Camden Sq. (Brit. Rainfall)	or.o	bc.c	*	58	41	36	-	*	57	84
Kensington Palace	0	0	*	54	38	33	-	*	75 (18h)	96
Hampstead Observatory	ocp	0	of.cf	53	40	32	-	1.0	*	68

Atmospheric Pollution. Lbs. of Solid impurity per million cubic yards.

24 Hr. ended 1600 G.M.T. 25th

South Kensington

Max.	Time.	Min.	Time.
½ / 1½	7 p.m. 24th / 7 a.m. 25th	less than ½	1 a.m. to 4 a.m. 25th

Kew Observatory

Max.	Time.	Min.	Time.
½ / 1½	9 p.m. 24th / 1200 & 1500 25th	less than ½	Midnt. to 2 a.m. 25th

Solar Radiation. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total 500 joules

Average Rate 9.7 Milliwatts.

Maximum Rate 58 Milliwatts.

Pole Star Record at Greenwich Obsy.

Exposure from 25th 20 h. 30 m. to 26th 03 h. 30 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	7.0	4 36	56
δ Ursae Minoris	7.0	4 39	66

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.

26th and 27th April 1921.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.35 / 4.33	11.51 / 11.51	.6 / 8
Greenwich	4.45 / 4.43	11.58 / 11.58	.11 / .13
Wick	4.35 / 4.32	12.10 / 12.10	.45 / .48
Valencia	5.25 / 5.22	12.39 / 12.39	.54 / .56

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, *i.e.*, rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; − = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
r_0r_0 = continuous light rain.

Sea Disturbance.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell
4 = mod. swell } Moderate sea.
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

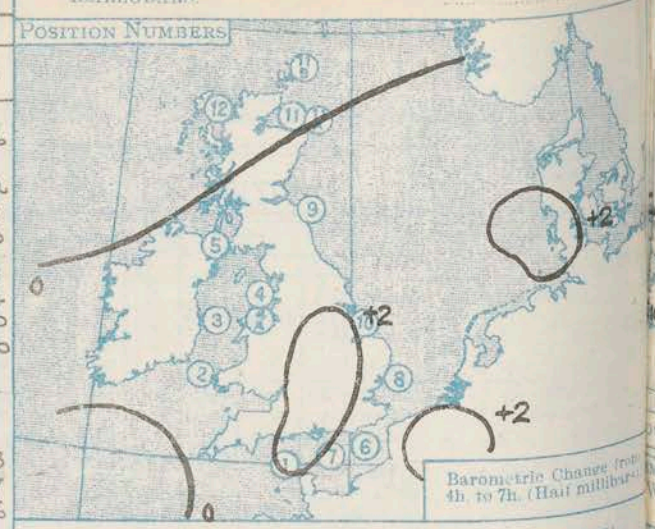
Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·4
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.–13h. 25th	Weather. 13h.–18h. 25th	Weather. 18h. 25th to 1h. 26th	Weather. 1h.–7h. 26th	Temperature. Max. Day. 7h.–18h.	Temperature. Min. Night. 18h.–7h.	Temperature. Min. on Grass.	Rainfall. Day. 7h.–18h.	Rainfall. Night. 18h.–7h.	Rainfall. Precipitation began.	Sun. Hours.
Lerwick	c	c	c	r or d	53	41	*	-	trace	- 630	-
Stornoway	b or bc	b or bc	b or bc	b or bc	54	39	*	-	-	-	12.6
Wick	F	f or m	00	00	49	43	*	-	-	-	*
Castlebay	f or m	b or bc	00		52	46	*	-	trace	-	10.2
Nairn	c g	c bc	bc x bc		56	34	*	-	-	*	4.8
Aberdeen	p	r or d	f or m		48	44	41	0.4	trace	-	0.0
Malin Head	b or bc	b or bc	00	p	54	44	*	-	1	- 2200	10.1
Renfrew	r or d	c	c	bo	56	43	40	Trace	-	1130	4.4
Leith	r or	d	f or m		51	40	33	3	-	-	0.0
Eskdalemuir	r or d	00	00	00	50	37	29	2	-	0900	0.0
Tynemouth	f or m	c	00	00	51	44	*	2	-	-	*
Blacksod Point ...	c	r or d	00	r or d	52	48	*	1	3	-	*
Donaghadee	b or bc	r or d	r or d		52	43	*	2	2	1430	*
Birr Castle	c	00	c		59	45	43	-	-	-	6.3
Baldonnell	b or bc	c	f or m	c	59	41	35	-	-	-	9.7
Holyhead	c	00	00	c	51	42	37	-	-	-	2.6
Liverpool (Bidston) ...	r or d	00	f or m		49	41	35	1	-	-	0.0
Manchester (Alex.Pk.)	00	c	c		52	37	30	Trace	-	-	*
Howden	00	c	b or bc	00	57	42	~~42~~ 31	Trace	~~r~~ -	1230	1~~4~~.9
Spurn Head	b or bc	b or bc	c	00	49	42	42	-	-	-	0.0
Nottingham	c	c	c		57	41	36	-	-	-	3.0
Cranwell	00	00	f or m	00	55	36	32	0.2	-	-	1.0
Gorleston	c	c	b or bc	f or m	49	39	37	-	-	-	9.3
Pulham	00	c	c	f or m	55	36	28	-	-	-	4.3
Felixstowe	b or bc	b or bc	f or m	c	52	38	*	-	-	-	9.2
Valencia (Cahirciveen)	00	00	r or d	00	50	49	49	-	0.2	-	0.0
Roches Point	c	00	00		53	48	*	-	-	-	*
Pembroke (St. Ann's H.)	b or bc	b or bc	00	c	53	42	*	~~r~~ -	-	-	10.9
Ross-on-Wye	00	00	b or bc		53	30	27	-	-	-	1.0
Benson	00	b or bc	f or m		55	33	29	0.1	-	-	*
S. Farnborough ...	r or d	00	f or m		55	30	28	0.2	-	-	0.5
London	f or m	f or m	F		55	37	29	0.2	-	-	1.1
Croydon	F	00	f or m	F	53	34	29	0.1	-	-	*
Clacton-on-Sea ...	b or bc	b or bc	f or m		53	40	37	-	-	-	8.2
Shoeburyness	c	b or bc	f or m		53	36	28	-	-	-	6.0
Grain	c	b or bc	00		53	33	28	-	-	-	6.4
Lympne	00	00	c	b or bc	50	37	30	0.2	trace	1100	0.9
Scilly (St. Mary's) ...	b or bc	c	c	c	54	43	*	-	-	-	5.5
Falmouth	c	c	b or bc	c	59	39	32	-	-	-	11.8
Plymouth	b or bc	c	b or bc		58	41	37	-	-	-	9.7
Portland Bill	c	b or bc	b or bc	b or bc	53	45	*	-	-	-	*
Calshot	r or d	c	c	b or bc	54	40	3~~4~~8	Trace	-	-	1.1
Dungeness	c	c	c	f or m	53	37	*	-	-	-	*
Jersey	c	c	c		56	39	*	-	-	-	8.5

Isallobars.



Temperature reported from Cross Channel and Coastal Steamers

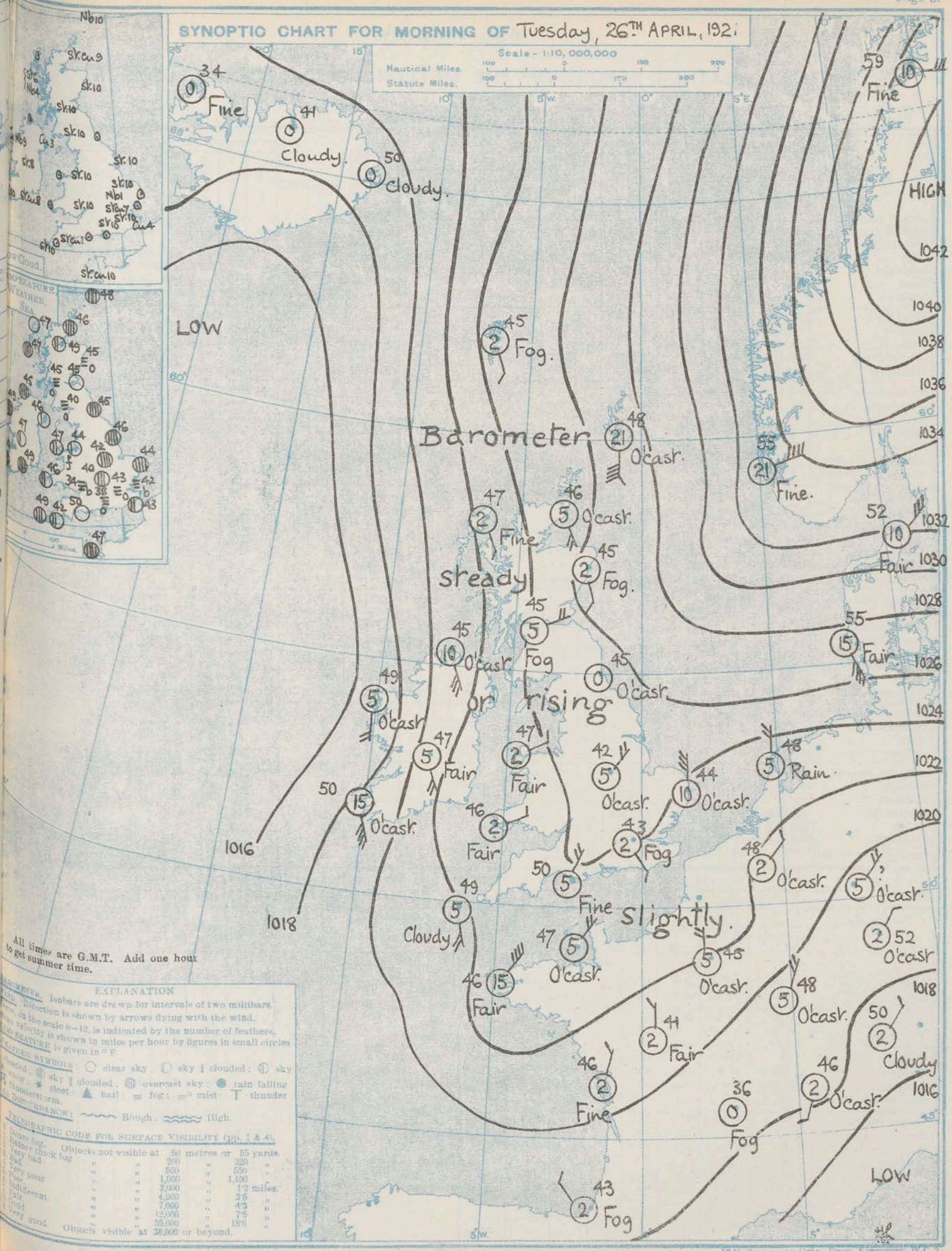
Position Number	3
Date	25th
Time G.M.T.	1015
Sea °F	48
Air °F	48

General Inference.

The Scandinavian anticyclone will cause Easterly or South-Easterly winds over the Kingdom generally for the next day or two with finer and rather warmer weather than of late.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday 26th April 1921	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light Easterly winds; varying amount of cloud, little or no rain; visibility fair to good apart from morning mist; rather warmer.	There is some prospect of rather warmer and more settled weather with Easterly winds during the next few days.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides	Light E. or S.E. winds; mainly fair; visibility fair to good apart from morning mist; rather warmer.	
16. Orkneys and Shetlands	Moderate to fresh S. to S.E. winds; fair; visibility mainly good; rather warmer.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light to moderate South-Easterly winds., mainly fair, but occasional showers locally; visibility good; rather warmer.	

SYNOPTIC CHART FOR MORNING OF Tuesday, 26TH APRIL, 1921



All times are G.M.T. Add one hour to get summer time.

EXPLANATION

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind. Force, on the scale 0—12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.
TEMPERATURE is given in ° F.
WEATHER SYMBOLS: ○ clear sky; ◐ sky ½ clouded; ◐ sky clouded; ◍ sky ½ clouded; ◍ overcast sky; ● rain falling; ✱ snow; ✱ sleet; ▲ hail; ≡ fog; ≡ mist; T thunder; R thunderstorm.
SEA. DIRECTIONAL WAVE: ~~~ Rough; ≈≈ High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (pp. I & 4).

0. Dense fog.	Objects not visible at		50 metres	or	55 yards.
1. Rather thick fog	"	"	200	"	220 "
2. Very bad	"	"	500	"	550 "
3. Bad	"	"	1,000	"	1,100 "
4. Very poor	"	"	2,000	"	1·2 miles.
5. Poor	"	"	4,000	"	2·5 "
6. Indifferent	"	"	7,000	"	4·3 "
7. Fair	"	"	12,000	"	7·5 "
8. Good	"	"	30,000	"	18·6 "
9. Very good	Objects visible at 30,000 or beyond.				

H.M. Stationery Office Press Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION ... TUESDAY, 26th APRIL ... 1921. No. 116.

Observations at 0100 G.M.T. 26th

Stations	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1024.8	0	SSE	4	c	44	97	6	-	Cu	4	Ci.St	4	*
Stornoway	1024.2	+2	S	1	b	*	*	6	-	-	-	-	-	*
Wick	1025.5	+2	SE	2	o	45	94	4	800	St	10	-	10	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1020.1	0	ESE	3	o	44	94	4	·	St.Cu	10	-	10	*
Renfrew	1023.9	0	ENE	3	o	45	85	4	1500	St	10	-	10	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1024.8	0	NNE	3	o	41	94	6	2500	St	10	·	10	*
Tynemouth	1025.0	0	NNE	1	o	44	97	6	800	St	10	·	10	*
Blacksod Point	1018.0	-1	E	1	ro	50	97	6	?	?	10	–	10	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1021.9	+1	SW	1	fo+	43	85	4	450	St	10	·	10	*
Holyhead	1022.6	0	SW	2	o/r	*	*	8	800	St.Cu	10	-	10	*
Liverpool (Bidston)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	1025.0	+1	-	0	o	43	94	5	1500	St	10	·	10	*
Spurn Head	1024.4	+1	ENE	3	o	45	85	8	-	-	·	A.St	10	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1024.6	0	ENE	1	ifb	38	94	2	<150	St	10	-	10	*
Gorleston	1023.8	+1	NW	2	c	40	92	4	2500	St	4	-	4	*
Pulham	1023.9	0	-	0	bc	39	94	5	-	-	-	Ci.St	2	*
Felixstowe	1024.1	+1	N	2	bc+	42	94	4	4000	St.Cu	4	·	4	*
Valencia (Cahirciveen)	1018.8	-2	SSE	4	o/r	50	*	*	*	*	*	*	*	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St.Ann's H.)	1023.0	0	-	0	o	45	92	8	450	St	10	·	10	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London	1023.4	*	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1024.1	0	·	0	b	34	94	5	-	-	-	Ci	1	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1023.0	+1	NE	1	b.	41	94	4	-	-	-	-	-	*
Scilly (St. Mary's)	1022.9	0	-	0	o	44	94	8	-	-	·	Ci.St	8	*
Falmouth	1023.0	0	N	1	bc	43	92	8	·	-	·	Ci.St	3	*
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1023.3	0	·	0	b.	50	92	8	-	-	-	-	-	*
Calshot	1023.3	0	-	0	ffb	45	92	5	-	·	·	-	·	*
Dungeness	1022.8	+1	N	2	bc·	41	94	6	·	·	·	Ci.Cu	2	*
Jersey (Guernsey 1h.)	1023.5	+1	NE	1	bc	45	92	8	-	-	-	Ci	3	*

Observations at 0700 G.M.T. 26th

Stations	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10
Lerwick	1024.9	-1	S	5	o/r	48	92	4	4250	Nb	10	·	10
Stornoway	1022.9	0	SE	1	b	44	85	8	·	·	-	-	-
Wick	1024.6	-1	SE	2	o	46	94	4	4000	St.Cu	9	-	9
Castlebay	1021.6	0	SE	5	o	44	97	6	1500	St	10	·	10
Nairn	1024.1	*	-	0	bc	49	*	*	*	*	*	*	·
Aberdeen	1026.3	+1	SSE	1	ffo	45	94	4	450	St	10	-	10
Malin Head	1020.4	+1	SE	3	o/r	45	94	8	·	-	·	A.St	9
Renfrew	1024.4	+1	E	2	fo+	45	85	3	1500	St	10	·	10
Leith	1024.7	+1	-	0	b+	45	92	5	^	-	-	-	-
Eskdalemuir	1025.5	+1	NNE	2	ifo	40	92	5	1500	St	10	·	10
Tynemouth	1025.4	0	-	0	o	45	94	6	4000	-	·	A.St	10
Blacksod Point	1016.4	0	S	2	o	49	97	6	1500	Cu.Nb	9	·	9
Donaghadee	1022.6	+1	S	2	bc-	46	85	8	4000	Cu	3	·	3
Birr Castle	1020.3	*	SE	2	c	44	85	6	2500	St	8	·	8
Baldonnell	1022.0	0	-	0	c	48	65	8	-	-	-	Ci.St	8
Holyhead	1023.1	+1	E	1	bc	44	92	8	-	-	-	A.Cu	4
Liverpool (Bidston)	1023.9	+1	SE	3	fb-	44	86	2	<150	St	10	-	10
Manchester (Alex.Pk.)	1025.0	+3	ENE	3	o	46	85	5	2500	St.Cu	8	A.Cu	10
Howden	1026.2	+2	-	0	o	43	97	5	1500	St	10	·	10
Spurn Head	1025.4	+1	ENE	1	o	46	85	8	450	St	10	-	10
Nottingham	1025.5	*	ENE	2	o	42	97	4	2500	Nb	1	A.St	10
Cranwell	1025.9	+1	NE	2	o	43	97	6	800	St	10	-	10
Gorleston	1023.5	0	N	3	o	44	97	4	-	-	-	A.St	10
Pulham	1024.3	0	N	2	o	44	94	5	·	·	·	A.St	10
Felixstowe	1024.4	+1	NW	2	fb	42	94	5	-	-	·	Ci.Cu	6
Valencia (Cahirciveen)	1018.5	+1	SSE	4	o	50	92	8	800	St	10	·	10
Roches Point	1022.0	0	SSE	3	o	49	85	8	800	St.Cu	8	Ci.Cu	9
Pembroke (St.Ann's H.)	1023.1	0	E	1	bc	46	94	4	·	-	·	Ci.Cu	4
Ross-on-Wye	1024.1	+1	-	0	ffb	34	97	1	<150	St	10	-	10
Benson	1024.1	+2	-	0	c	40	97	3	·	St.Cu	4	-	4
S. Farnborough	1023.8	+1	ENE	2	ffo	38	97	1	450	St	10	·	10
London	1024.6	+1	ESE	1	fo-	43	97	3	450	St	10	·	10
Croydon	1024.0	0	ENE	1	ffo	41	97	0	<150	St	10	-	10
Clacton-on-Sea	1023.8	0	NNW	2	ffb	42	92	4	800	Cu	3	A.Cu	5
Shoeburyness	1023.8	+1	NNE	1	fo-	42	85	4	800	St	10	-	10
Grain	1024.4	+1	N	1	o	42	97	6	2500	St	10	-	10
Lympne	1022.9	0	NNE	3	c+	45	85	4	2500	Cu	4	Ci.St	8
Scilly (St. Mary's)	1021.8	-1	SE	2	c+	49	97	8	4000	Cu	1	Ci.St	8
Falmouth	1022.7	0	NNW	2	bc	42	85	4	-	-	·	Ci.St	6
Plymouth	1022.6	0	E	1	bc	44	92	8	1500	St.Cu	1	Ci.St	5
Portland Bill	1023.6	+2	ENE	2	b	50	92	8	-	·	-	·	·
Calshot	1023.6	0	N	1	ffb	43	97	4	-	·	·	·	·
Dungeness	1023.0	0	N	2	bc	43	97	6	4250	-	·	Ci.Cu	5
Jersey (Guernsey 1h.)	1022.6	0	ENE	2	o	47	85	8	4000	St.Cu	10	-	10

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 25th APRIL.

Stations	Weather Forenoon	Weather Afternoon	Temperature Max. °F.	Temperature Min. °F.	Rainfall† Night 18h.–9h. 24th–25th mm.	Rainfall† Day 9h.–18h. 25th mm.	Sunshine Sunrise to 17h. 25th hr.	Sunshine Sunrise to Sunset 24th hr.
Banff	m	o	50	31	+	-	0.0	13.4
Montrose	o	o	48	36	-	0.4	0.2	?
Llandudno	o	o or	49	38	-	1	0.1	13.4
Colwyn Bay	cbc	bc od	49	41	-	-	0.0	13.3
Rhyl	cp	pc	49	35	-	1	0.0	13.6
Southport	r	r oco	50	46	1	3	0.2	13.5
Blackpool	or	cp	52	39	0.3	4	0.7	13.2
Harrogate	or oc	cbcc	54	41	1	-	0.6	11.5
Skegness	bcb	b	51	44	5	-	7.6	0.0
Aberystwyth	occ	coo	50	36	-	-	0.7	14.0
Bath	o	o	53	42	-	-	0.1	11.7
Leamington Spa	b	bc	57	37	-	0.4	1.8	13.5
Lowestoft	ocbc	bc	51	44	2	-	7.0	?
Felixstowe	bcz	om	53	43	-	-	9.5	3.6
Southend	op.oc	bcb	54	42	1	-	4.6	1.9
Ilfracombe	b	bbcco	52	48	-	-	7.1	11.8
Bude	b	b	53	34	-	-	11.0	12.8
Penzance	bc	bc	58	41	-	-	10.5	11.8
Torquay	bz	bbcc	58	40	-	-	9.6	13.3
Weymouth	o.c	c	59	40	-	-	2.0	11.6
Bournemouth	obco	o	55	42	-	-	2.3	13.0
Portsmouth (S'thsea)	*	*	51	44	-	-	1.0	9.7
Worthing	o	o	52	45	0.3	-	0.3	2.5
Brighton	o	oc	53	45	1	-	0.6	2.9
Eastbourne	bc	bc	52	~~44~~	-	-	3.8	3.9
Hastings	o	ocobc	53	44	-	-	1.5	4.4
Folkestone	o	c	53	40	-	-	1.7	3.6
Tunbridge Wells	o	o	54	42	1	-	0.6	3.4
Ramsgate	bc	bc	51	43	1	-	6.6	3.6
Margate	ocbcb	b	51	45	-	-	6.5	2.6

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 8. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION. No. B. 21,706. WEDNESDAY, 27th APRIL 1921.

STATIONS.	Observations at 1800 G.M.T. 26th: Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9	Observations at 1800 G.M.T. 26th: Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1028.4	+2	S	S	d+	47	97	4	4000	Nb	10	-	10	*	1028.6	0	S	4	ffo	46	97	4	2500	Nb	10	-	10	2
Stornoway	1023.6	+1	SE	2	c+	53	75	7	-	-	-	A.Cu	8	*	1023.7	0	SE	2	c-	56	65	8	-	-	-	Ci.St.	7	0
Wick	1025.2	+1	SE	3	bc-	49	92	7	7250	St.Cu	2	Ci	4	*	1026.1	0	SE	3	bc	46	97	7	-	-	-	Ci.St	5	1
Castlebay	1022.6	+1	E	5	0	50	85	5	800	St	10	-	10	*	1023.0	0	SE	4	c-	52	85	5	1500	St	6	-	6	5
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1024.8	*	-	0	bc	55	*	*	*	*	*	*	*	*
Aberdeen	1026.9	+1	SSE	3	b-	52	65	7	2500	St.Cu	2	-	2	*	1027.6	+1	SE	3	c+	47	85	7	1500	St.Cu	8	-	8	0
Malin Head	1021.0	0	S	3	c-	57	85	8	5750	St.Cu	4	Ci.Cu	7	*	1020.9	0	SSE	3	b	56	75	8	-	-	-	Ci.Cu	2	1
Renfrew	1024.4	-1	ESE	2	0	57	55	6	4000	St.Cu	10	-	10	*	1024.3	+1	ENE	4	c	53	65	7	5750	St.Cu	4	A.St	8	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1025.6	*	E	3	c	49	78	6	2500	St	2	Ci.St	7	*
Eskdalemuir	1024.5	0	ENE	2	c	55	65	6	4000	Cu	8	-	8	*	1024.6	0	E	2	c	52	65	6	-	-	-	Ci.St	8	*
Tynemouth	1026.4	0	W	2	0-	49	85	5	5750	St.Cu	9	-	9	*	1025.2	0	NE	2	0+	48	85	8	1500	St	9	-	9	0
Blacksod Point	1018.5	+2	S	2	0	52	85	7	2500	Cu Nb	9	-	9	*	1018.0	0	SW	2	c-	56	75	8	4000	Nb	4	Ci	7	1
Donaghadee	1023.3	0	SSE	2	b	53	75	8	4000	Cu	2	-	2	*	1023.3	0	SSE	2	b	53	85	8	-	-	-	-	0	0
Birr Castle	1021.0	-	SE	2	bc-	58	65	8	-	-	-	Ci.Cu	6	*	1020.5	*	SE	2	bc	56	65	8	-	-	-	Ci.Cu	6	*
Baldonnell	1022.2	0	S	3	bc	55	65	8	4000	Cu	1	Ci.St	6	*	1022.1	+1	ESE	3	b	55	65	8	-	-	-	Ci	2	*
Holyhead	1023.5	+1	NW	3	0+	55	85	8	-	-	-	A.Cu	10	*	1022.7	-1	NW	2	bc+	52	92	7	4000	St.Cu	4	-	4	0
Liverpool (Bidston)	1024.1	-1	SE	2	b-	53	75	6	7250	St.Cu	2	-	2	*	1023.3	0	SE	2	i+b	54	65	5	-	-	-	A.St	10	1
Manchester (Alex.Pk.)	1024.7	-1	ENE	3	c	55	65	6	4000	St.Cu	5	Ci	6	*	1024.1	+1	E	2	bc-	50	75	5	7250	St.Cu	1	Ci	5	*
Howden	1026.8	+1	-	0	0	50	75	7	1500	St	10	-	10	*	1024.8	0	ENE	2	0	52	75	6	4000	St.Cu	7	A.St	9	*
Spurn Head	1025.4	0	NE	3	bc-	52	75	8	-	-	-	Ci.Cu	4	*	1022.9	-2	NNE	4	0+	47	75	7	-	-	-	A.St	10	1
Nottingham	1025.0	*	NE	2	c-	52	75	6	4000	St.Cu	5	A.Cu	8	*	1024.1	*	NE	2	0+	52	75	5	5750	St.Cu	6	Ci.St	10	*
Cranwell	1025.1	-1	NNE	3	0-	53	75	8	2500	St.Cu	9	Ci	10	*	1024.4	0	NE	2	bc-	51	75	8	4000	St.Cu	2	A.St	4	*
Gorleston	1023.2	0	N	4	0	51	75	7	-	-	-	A.St	10	*	1022.6	-1	N	4	0	48	92	7	-	-	-	A.St	10	0
Pulham	1023.3	0	NNE	3	bc	57	65	7	2500	Cu	2	A.St	5	*	1023.3	+1	N	3	0	50	92	5	1500	St	10	-	10	*
Felixstowe	1023.8	-1	NE	3 H	0-	51	85	7	4000	St.Cu	7	A.Cu	9	*	1022.9	-1	ENE	3	0+	51	85	7	4000	Cu	7	A.Cu	9	0
Valencia (Cahirciveen)	1019.1	0	SSE	5	bc-	52	65	9	2500	Cu	4	A.Cu	6	*	1018.3	0	SE	4	c+	52	65	9	4000	Cu	3	A.Cu	7	1
Roches Point	[illegible]	+1	SE	3	c-	53	75	9	1500	Cu	3	Ci	7	*	1021.9	-1	SE	4	bc-	51	92	8	2500	Cu	1	Ci	4	3
Pembroke (St.Ann's H.)	1023.3	0	SE	2	b	53	85	7	-	-	-	Ci.St.	1	*	1022.3	-1	-	0	b	54	65	8	-	-	-	-	0	1
Ross-on-Wye	1023.7	0	ENE	3	bc-	54	75	6	4000	Cu	6	-	6	*	1022.8	-1	ENE	4	c	52	75	7	-	-	-	Ci	8	*
Benson	1023.8	0	NE	2	bc	58	75	6	-	Cu	3	Ci	5	*	1022.4	-1	NE	1	bc	53	75	6	-	Cu	5	-	5	*
S. Farnborough	1023.1	-1	ENE	3	c+	57	55	8	4000	St.Cu	7	Ci	8	*	1022.2	-1	NNE	2	c-	55	65	8	2500	St	7	-	7	*
London	1023.5	-2	ENE	3	c/f	54	65	6	5750	Cu	7	-	7	*	1022.4	0	NE	2	c	55	65	6	5750	St.Cu	6	Ci.St	8	*
Croydon	1023.6	+0	NE	3	c	55	65	8	4000	Cu	8	-	8	*	1022.4	-1	ENE	2	c-	54	75	7	4000	Cu Nb	7	-	7	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.8	0	E	3	bc	51	92	6	4000	St.Cu	2	A.Cu	5	0
Shoeburyness	1023.2	-1	ESE	2	bc/f	54	75	7	2500	St.Cu	5	-	5	*	1022.9	-1	ESE	1	fb	49	85	6	2500	St.Cu	1	A.Cu	3	*
Grain	1023.6	-1	E	2	b	52	85	7	-	-	-	0	0	*	1023.0	0	E	2	0	47	97	6	1500	St	10	-	10	0
Lympne	1023.4	0	NNE	4	b	55	75	7	2500	Cu	2	-	2	*	1022.0	0	NNE	4	0+	48	92	7	800	St	4	A.Cu	9	*
Scilly (St. Mary's)	1022.1	0	SE	3	bc-	56	97	8	4000	Cu	2	Ci.Cu	5	*	1020.6	-1	ESE	3	b	51	97	8	-	-	-	-	0	5
Falmouth	1022.3	-1	SE	2	b	54	75	7	4000	Cu	2	Ci.St	3	*	1021.3	-2	ESE	2	b	51	75	7	-	-	-	-	0	*
Plymouth	1022.3	0	S	3	b-	55	75	8	2500	Cu	2	Ci.St	3	*	1024.4	-1	SE	1	b	54	65	8	-	-	-	-	0	*
Portland Bill	1023.6	0	ENE	2	b	52	92	8	-	-	-	-	0	*	1022.5	-2	-	0	b	52	92	7	-	-	-	-	0	0
Calshot	1023.3	0	SSE	3	0+	53	85	8	4000	St.Cu	9	-	9	*	1022.3	0	SW	2	bc-	52	85	8	4000	St.Cu	4	-	4	0
Dungeness	1022.8	0	NNE	2	b	55	97	6	-	-	-	-	0	*	1022.1	-1	E	3	c+	50	97	6	-	-	-	A.Cu	8	3
Jersey	1022.5	0	E	2	0	54	75	8	4000	St.Cu	10	-	10	*	1020.7	-1	ENE	3	bc	55	65	8	-	-	-	Ci	4	0

LONDON OBSERVATIONS.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 HOURS ENDED 0900 G.M.T. 27th							YESTERDAY.		TO-DAY.
Kew	f o m	c	f o m	*	*	38	*	4.7	*	*
Croydon } 24 hours ended 0700	00	c	c.f	*	*	36	-	*	*	*
Greenwich (Royal Obsy.)	c7	c7	0	61	45	37	-	4.7	61	91
City (Bunhill Row)	*	*	*	*	*	*	*	4.5	*	*
Westminster (St. James' Pk.)	*	*	*					4.2	*	*
Regents Pk. (Botanical Gdns.)	*	*	*	*	*	*	*	4.6	*	*
Camden Sq. (Brit. Rainfall)	b.bc	c	*	60	46	41	-	*	60	86
Kensington Palace	0	0	*	58	51	42	-	*	69(6h)	92
Hampstead Observatory	bc.c	bc.0	bc of of	55	44	40	-	5.8	*	96

ATMOSPHERIC POLLUTION. Lbs. of Solid impurity per million cubic yards.

24 Hr. ended 1600 G.M.T. 26th

South Kensington

Max.	Time.	Min.	Time.
1	1900 25th	½	2200 25th
1½	0900 26th		

Kew Observatory

Max.	Time.	Min.	Time.
1½	1900 25th	½	2400 6
1½	0800 26th		0400 26th

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total 931 joules

Average Rate 17.9 Milliwatts.

Maximum Rate 75 Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 26th 20 h. 30 m. to 27th 03 h. 30 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	7.0	1 5	15
ζ Ursae Minoris	7.0	1.1	15

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

27th to 28th APRIL 1921.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.33 / 4.30	11.51 / 11.50	7.8 / 7.10
Greenwich	4.43 / 4.41	11.58 / 11.57	7.13 / 7.15
Wick	4.32 / 4.29	12.10 / 12.9	7.48 / 7.50
Valencia	5.22 / 5.20	12.39 / 12.38	7.56 / 7.57

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, *i.e.*, rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
r_0r_0 = continuous light rain.

The **BEAUFORT SCALE** of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

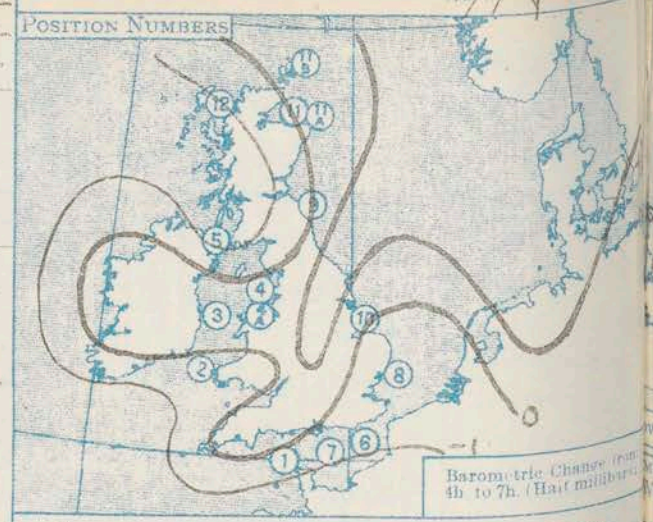
* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 26th	13h.-18h. 26th	18h. 26th to 1h. 27th	1h.-7h. 27th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	SUN. Hours.
Lerwick	r or d	r or d	b or bc	b or bc	48	45	*	1	-	-	*
Stornoway	c	c	b or bc	c	56	42	*	-	-	-	5.5
Wick	c	b or bc	b or bc	F	49	43	*	-	-	-	*
Castlebay	0.0	form	f or m		52	47	*	-	-	-	2.8
Nairn	bc	bc	bc m	cx	62	39	*	-	-	*	12.0
Aberdeen	c	b or bc	c		52	43	35	-	-	-	6.8
Malin Head	c	b or bc	b or bc	b or bc	57	44	*	-	-	-	8.2
Renfrew	r or d	c	00	r or d	58	43	40	-	0.2	-4.30	1.6
Leith	b or bc		r or d		53	44	42	-	0.5	-	*
Eskdalemuir	c	c	00	r or d	58	41	34	-	0.2	-1.30	6.8
Tynemouth	b or bc	c	F	r or d	51	45	*	-	0.2	-1.30	*
Blacksod Point ...	r or d	c	b or bc	b or bc	56	40	*	0.1	-	-	*
Donaghadee	b or bc	b or bc	b or bc		54	45	*	-	-	-	*
Birr Castle	c	c	b or bc		61	46	29	-	-	-	11.4
Baldonnell	b or bc	b or bc	f or m	f or m	59	?	28	-	-	-	12.3
Holyhead	b or bc	b or bc	b or bc	f or m	58	43	37	-	-	-	0.0
Liverpool (Bidston) ...	c	b or bc	f or m		57	43	36	-	-	-	6.7
Manchester (Alex.Pk.)	c	c	00		58	41	32	-	-	-	0.0
Howden	00	00	r or d	r or d	55	45	42	-	2	-2200	3.0
Spurn Head	f or m	c	f or m	F	52	47	*	-	0.2	-	0.0
Nottingham	c	c	c		56	43	38	-	-	-	1.5
Cranwell	b or bc	c	00	f or m	55	43	32	-	0.2	-1.30	1.7
Gorleston	c	00	f or m	f or m	51	44	43	-	2	-3.30	2.7
Pulham	c	c	00	p	55	46	43	-	0.3	-6.30	4.1
Felixstowe	00	00	00	p	55	47	*	-	0.4	-6.30	8.0
Valencia (Cahirciveen)	c	b or bc	b or bc	c	55	49	45	0.2	*	-	5.5
Roches Point	c	b or bc	b or bc		54	47	*	-	0.1	-	*
Pembroke (St.Ann's H.)	b or bc	b or bc	b or bc	f or m	55	44	*	-	-	-	10.7
Ross-on-Wye	c	b or bc	b or bc		55	35	29	-	-	-	6.8
Benson	b or bc	b or bc	00		58	42	36	-	-	-	*
S. Farnborough ...	c	c	b or bc		58	43	38	-	-	-	5.3
London	f or m	c	f or m		57	46	38	-	-	-	4.7
Croydon	00	c	c	F	58	42	36	-	-	-	0.0
Clacton-on-Sea ...	*	b or bc	f or m		55	41	44	-	trace	-	8.4
Shoeburyness	f or m	b or bc	F		56	44	35	-	-	-	7.3
Grain	b or bc	b or bc	00		54	41	40	-	0.1	-	7.3
Lympne	b or bc	b or bc	b or bc	00	55	46	43	-	-	-	11.1
Scilly (St. Mary's) ...	b or bc	b or bc	b or bc	b or bc	56	43	*	-	-	-	10.1
Falmouth	c	b or bc	b or bc	b or bc	56	46	41	-	-	-	10.8
Plymouth	c	b or bc	b or bc		56	39	40	-	-	-	9.6
Portland Bill	b or bc	b or bc	b or bc	c	53	44	*	-	-	-	*
Calshot	c	c	b or bc	~~b or bc~~	~~54~~	~~40~~	~~30~~	~~-~~	~~-~~	~~-~~	~~1.1~~
Dungeness	b or bc	c	00	00	56	47	*	-	-	-	*
Jersey	c	c	b or bc	c	60	47	*	-	-	-	4.2
			form		58	46	36	-	-	-	7.4

ISALLOBARS. 27th April, 1921.

POSITION NUMBERS



Temperature reported from Cross Channel and Coastal Steamers

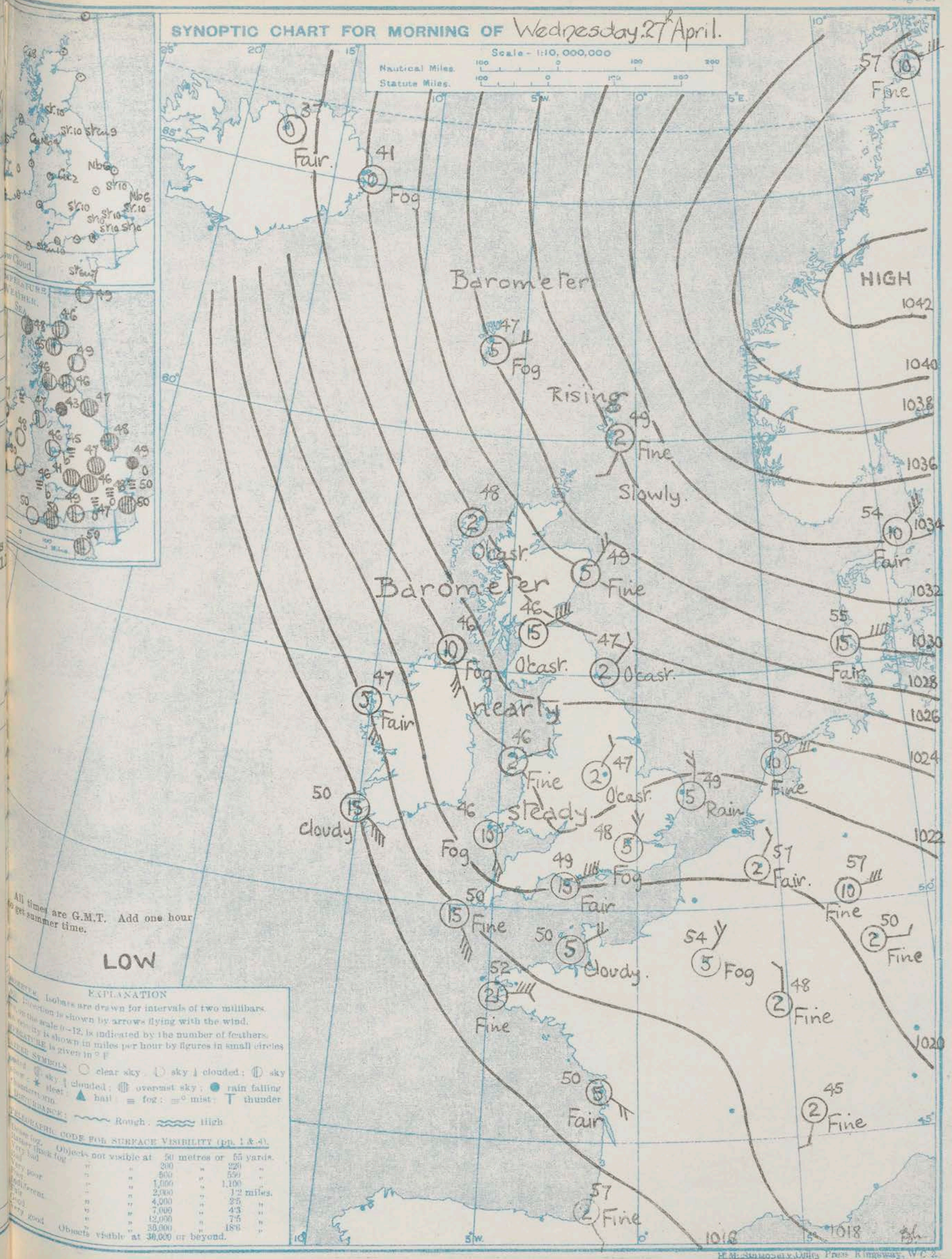
Position Number																
Date																
Time G.M.T.																
Sea ° F																
Air ° F																

GENERAL INFERENCE.

The anticyclone over Scandinavia will continue to cause E. to S.E. winds and fair weather over the British Isles generally during the next few days but over Eastern England there will be some rain at first followed by fair weather.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday April 27th 1921	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Moderate Easterly wind; cloudy, with slight rain locally, then fair; visibility fair apart from morning mist; mild.	
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N.& N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate Easterly or South-Easterly winds; fair; visibility fair apart from morning mist or fog; mild.	Mainly fair for several days with Easterly winds.

SYNOPTIC CHART FOR MORNING OF Wednesday 27th April.



All times are G.M.T. Add one hour to get summer time.

EXPLANATION

PRESSURE. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind.
Velocity, on the scale 0–12, is indicated by the number of feathers.
Velocity is shown in miles per hour by figures in small circles.
TEMPERATURE is given in ° F.
CLOUD SYMBOLS. ○ clear sky. ◐ sky ¼ clouded; ◑ sky ½ clouded; ◒ sky ¾ clouded; ● overcast sky; ● rain falling; ★ sleet; ▲ hail; ≡ fog; ≡° mist; T thunder.
SEA DISTURBANCE: ~~~ Rough. ≈≈≈ High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (pts. 1 & 4).

Dense fog.	Objects not visible at	50	metres or	55	yards.
Very thick fog	"	"	200	"	220	"
Very bad	"	"	500	"	550	"
Very poor	"	"	1,000	"	1,100	"
Poor	"	"	2,000	"	1·2	miles.
Moderate	"	"	4,000	"	2·5	"
Fair	"	"	7,000	"	4·3	"
Good	"	"	12,000	"	7·5	"
Very good	"	"	30,000	"	18·6	"
Exceptional	Objects visible at	30,000	or beyond.			

H.M. Stationery Office Press Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION WEDNESDAY, 27th APRIL 1921. No. 117.

Observations at 0100 G.M.T. 27th

Stations	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %.	Visibility.§ 0-9	Height of Low Cloud. Feet	Low Cloud Form.	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1030.9	+2	S	2	b+	47	92	4	-	St-Cu	2	-	2	*
Stornoway	1027.1	+3	-	0	b	*	*	6	*	*	*	*	*	*
Wick	1027.6	+1	SE	2	fo	46	97	5	<150	St	10	-	10	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1022.1	0	SE	3	b	46	92	8	-	-	-	Ci.Cu	1	*
Renfrew	1025.9	0	ENE	3	o	45	85	7	-	-	-	A.St	10	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1025.5	-1	N	3	obr₀	42	92	6	2500	St	10	-	10	*
Tynemouth	1025.0	-1	NNW	2	ffo	45	97	2	800	St	10	·	10	*
Blacksod Point	1018.7	+1	SE	2	bc	49	85	7	7250	Cu	5	-	5	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1022.5	-2	E	2	bc	44	85	5	-	-	-	A.St	3	*
Holyhead	1022.5	-1	E	4	b-	*	*	7	-	-	-	-	-	*
Liverpool (Bidston)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	1023.7	-2	-	0	od₀	45	97	5	800	St	10	-	10	*
Spurn Head	1022.9	0	NNW	1	ifo	48	92	2	450	St	10	-	10	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1023.5	-1	N	2	or₀	45	97	6	800	Nb	10	-	10	*
Gorleston	1021.9	0	-	0	fo+	47	97	2	<150	-	-	A.St	10	*
Pulham	1022.7	-1	-	0	fo+	47	97	2	225	St	10	·	10	*
Felixstowe	1022.8	0	NNE	2	o	48	97	7	4000	St-Cu	10	-	10	*
Valencia (Cabirciveen)	1018.0	0	W	3	bc	48	*	7	-	-	-	A Cu	5	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1021.7	0	E	2	bc	47	97	6	1500	St-Cu	6	-	6	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London	1022.2	-1	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1022.4	-2	-	0	o	44	97	4	2500	St.Cu	10	-	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1021.1	-2	N	3	o	46	92	7	1500	St	10	-	10	*
Scilly (St. Mary's)	1019.5	-1	ESE	4	b+	48	97	7	-	-	-	-	-	*
Falmouth	1020.2	-2	E	3	b+	47	86	8	-	-	·	-	-	*
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1021.6	-2	NE	3	b+	50	92	7	-	-	-	Ci.Cu	2	*
Calshot	1021.7	-1	ENE	2	b	46	92	7	-	-	-	-	-	*
Dungeness	1021.1	-1	E	3	o	49	97	6	450	St	10	-	10	*
Jersey (Guernsey Ih.)	1020.6	0	ENE	3	bc	47	85	7	-	-	-	A.Sr	5	*

Observations at 0700 G.M.T. 27th

Stations	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %.	Visibility.§ 0-9	Height of Low Cloud. Feet	Low Cloud Form.	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1032.0	+2	SW	1	bc	49	85	6	-	·	-	A.Cu	2	0
Stornoway	1025.9	0	E	1	c+	48	85	7	4000	Cu	8	·	8	0
Wick	1028.2	0	E	1	bc	46	97	7	-	·	·	C.St	4	1
Castlebay	1023.7	0	E	4	ffo	49	97	4	1500	St	10	-	10	3
Nairn	1027.1	·	E	1	c	45	*	*	*	*	*	C.St	3	0
Aberdeen	1027.7	0	NE	2	bc	49	92	7	-	·	-	-	-	1
Malin Head	1021.9	-1	SE	3	fb.	46	97	7	·	·	·	·	·	*
Renfrew	1024.4	-1	E	4	o	46	92	4	800	St	10	·	10	4
Leith	1025.0	-1	E	2	c	46	92	7	800	St	10	-	10	*
Eskdalemuir	1024.6	0	NE	3	or₀	43	97	6	1500	St	10	·	10	0
Tynemouth	1024.4	+1	NE	1	o	47	97	6	5750	St-Cu	9	·	9	1
Blacksod Point	1017.6	0	SE	2	bc-	47	75	8	5750	Cu	5	·	5	0
Donaghadee	1022.4	-1	E	2	bc	47	85	8	4000	Cu Nb	4	A Cu	6	*
Birr Castle	1020.0	*	ESE	1	bc	48	85	6	-	·	-	C.Cu	3	*
Baldonnell	1021.1	0	E	4	fb-	45	92	5	·	-	·	-	·	0
Holyhead	1021.4	0	E	1	b+	46	85	6	-	-	-	A Cu	1	0
Liverpool (Bidston)	1022.4	0	ESE	1	fb-	45	85	3	2500	Cu	2	A.St	4	*
Manchester (Alex.Pk.)	1022.6	0	E	2	o	49	85	4	2500	St-Cu	3	A.Cu	10	*
Howden	1023.3	+1	~~NNW~~ -	~~1~~ 0	rr	48	97	5	450	Nb	10	·	10	1
Spurn Head	1022.9	0	NNE	2	o	48	85	7	-	-	·	A.St	10	*
Nottingham	1022.5	*	NE	1	o	47	97	3	-	·	-	A.St	10	*
Cranwell	1023.1	0	NE	1	ffo	48	97	1	<150	St	10	-	10	0
Gorleston	1021.4	0	N	2	rr	49	97	7	5450	Nb	~~6~~ 4	A.St	~~10~~ 6	*
Pulham	1021.8	0	-	0	o	50	97	5	800	St	10	·	10	0
Felixstowe	1021.6	0	N	2	o	51	97	6	2500	St	10	·	10	1
Valencia (Cabirciveen)	1015.5	-1	ESE	4	c	50	75	8	4000	Cu	2	C.St	7	3
Roches Point	1018.3	0	ESE	4	b	50	97	6	-	-	-	-	·	1
Pembroke (St. Ann's H.)	1020.4	-1	ESE	3	fb-	46	92	6	-	-	-	-	·	*
Ross-on-Wye	1022.3	0	ENE	1	o	41	97	3	450	St	10	-	10	*
Benson	1021.7	+2	NE	1	o	46	97	4	-	St	10	-	10	*
S. Farnborough	1021.1	0	ENE	2	fo-	47	97	5	450	St	10	-	10	*
London	1021.4	+1	NE	1	ffo	48	92	4	1500	St	10	·	10	*
Croydon	1021.7	0	ENE	1	fo-	46	97	3	225	St	10	-	10	0
Clacton-on-Sea	1021.2	0	NNW	3	ffo	50	97	3	2500	St	10	·	10	*
Shoeburyness	1021.4	-1	NNE	1	ffo	49	92	3	450	St	10	·	10	0
Grain	1021.4	0	N	1	ffo	49	97	3	450	St	10	-	10	*
Lympne	1020.2	0	NNE	4	ffo	48	97	1	<150	St	10	-	10	5
Scilly (St. Mary's)	1017.6	-1	ESE	4	b	50	97	7	-	·	-	-	·	*
Falmouth	1019.0	0	E	2	o	50	85	7	-	St-Cu	10	-	10	*
Plymouth	1019.2	0	E	3	b	48	92	7	-	·	·	-	·	3
Portland Bill	1020.0	-2	E	4	bc	49	92	7	·	·	·	ASt	6	0
Calshot	~~1023.6~~	~~0~~	~~N~~	~~1~~	~~b~~	~~43~~	~~97~~	~~4~~						
Dungeness	1020.3	-1	E	3	o	50	92	6	450	St	10	-	10	3
Jersey (Guernsey Ih.)	1018.7	0	E	2	c	50	92	8	4000	St-Cu	7	-	7	0
	1020.9	-1	NNE	1	ffo	47	92	5	5450	St-Cu	10	-	10	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 26th APRIL, 1921.

Stations	Weather Fore-noon.	Weather After-noon.	Temperature Max. °F.	Temperature Min. °F.	Rainfall† Night 18h.-9h. 25th-26th mm.	Rainfall† Day 9h.-18h. 26th mm.	Sunshine Sunrise to 17h. 26th hr.	Sunshine Sunrise to Sunset. 25th hr.
Banff	c bc	b.bc	55	42	-	-	7.1	0.0
Montrose	oc	bc	49	43	0.2	-	2.1	0.2
Llandudno	bc	bc	58	40	0.3	-	7.5	0.1
Colwyn Bay	b	b	60	42	2	-	8.0	0.0
Rhyl	c bc	bc.b.	55	39	-	-	10.5	0.0
Southport	ocoe.	oco	55	38	-	-	3.8	0.2
Blackpool	c.bc.o.	o	56	42	-	-	7.4	0.7
Harrogate	o	oc	50	41	-	-	0.1	0.7
Skegness	c bc b.	b.bc o	50	44	-	-	5.0	8.7
Aberystwyth	cbb	bc o	58	42	-	-	5.0	0.7
Bath	b.bc	bcco	59	35	-	-	5.3	0.1
Leamington Spa	o	c	54	35	-	-	1.3	1.8
Lowestoft	oc bco	o	50	39	-	-	1.3	7.0
Felixstowe	cm	bm	54	37	-	-	7.5	9.5
Southend	wmo bc	bc	55	39	Trace	-	7.7	5.8
Ilfracombe	b.bcc	bcc	56	45	-	-	7.8	7.1
Bude	b	c	58	37	-	-	6.2	11.3
Penzance	c bc	bcb	57	39	-	-	10.1	10.6
Torquay	w.om.b	b	57	42	-	-	8.2	9.7
Weymouth	b	b.bc	61	38	-	-	11.9	2.9
Bournemouth	b	b.bcc	58	37	-	-	9.5	2.3
Portsmouth (S'thsea)	*	*	57	37	-	-	9.3	1.3
Worthing	b	b	58	37	-	-	11.5	0.7
Brighton	bc.c.	bc.b	57	37	-	-	10.3	0.4
Eastbourne	bc.b.	b	57	38	-	-	10.4	1.7
Hastings	wfcbc	b	58	36	Trace	-	7.6	2.7
Folkestone	c	c	56	42	0.3	-	9.6	1.7
Tunbridge Wells	b.bcb	b.bc	59	34	-	-	5.9	0.6
Ramsgate	bc	bc	55	47	-	-	3.5	7.5
Margate	o	o	50	43	-	-	0.0	7.4

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.21707 THURSDAY, 28TH APRIL 1921.

Observations at 1300 G.M.T. 27th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1033.6	+1	SSE	4	b-	56	65	8	-	-	-	Ci	2	*
Stornoway	1024.5	-1	ESE	1	o+	58	75	7	-	-	-	Ci.St	10	*
Wick	1028.2	0	ESE	3	fb-	49	92	7	-	-	-	A.Cu	2	*
Castlebay	1023.0	0	E	2	fo-	51	92	4	1500	St	10	-	10	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1028.4	+1	ESE	3	b	56	75	7	-	-	-	A.Cu	1	*
Malin Head	1021.1	-1	ESE	3	b	53	97	7	-	-	-	Ci.Cu	2	*
Renfrew	1024.0	0	ENE	3	o-	55	75	6	4000	St.Cu	6	A.St	9	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1023.3	0	NE	3	o-	60	75	6	4000	St.Cu	7	Ci	9	*
Tynemouth	1024.7	0	SE	2	bc	51	85	8	-	-	-	Ci.Cu	4	*
Blacksod Point	1016.9	-2	SE	2	bc	58	65	7	4000	Cu	4	-	4	*
Donaghadee	1022.3	0	SE	2	o	53	85	8	-	-	-	A.Cu	10	*
Birr Castle	1018.4	*	SE	2	bc+	59	75	6	-	-	-	A.Cu	6	*
Baldonnell	1020.3	-1	E	3	c+	55	75	5	4000	St.Cu	8	-	8	*
Holyhead	1020.8	-1	N	2	b	58	85	7	2500	Cu	2	A.Cu	3	*
Liverpool (Bidston)	1021.5	-1	ESE	2	bc-	55	75	6	5750	St.Cu	3	Ci.Cu	6	*
Manchester (Alex.Pk.)	1022.1	-1	SSW	2	o	56	85	4	1500	St	5	A.St	10	*
Howden	1022.7	-3	ENE	2	o	61	75	6	4000	St.Cu	6	A.St	9	*
Spurn Head	1023.0	+1	E	3	c	55	75	7	5750	St.Cu	3	Ci.Cu	8	*
Nottingham	1021.8	*	ENE	2	o/f	56	97	5	2500	Nb	6	Ci.St	10	*
Cranwell	1022.4	-1	NE	3	o	56	85	7	1500	St	10	-	10	*
Gorleston	1021.8	0	E	3	o	53	85	7	-	-	-	A.St	10	*
Pulham	1021.0	-1	ENE	3	c-	62	65	7	5750	St.Cu	7	-	7	*
Felixstowe	1020.9	-1	NE	4	c/f	56	75	7	4000	St	4	A.Cu	8	*
Valencia (Cahirciveen)	1014.9	0	SE	4	c	61	55	8	4000	Cu	6	Ci.St	7	*
Roches Point	1018.5	0	ESE	4	o+	53	92	6	-	-	-	A.Cu	9	*
Pembroke (St.Ann's H.)	1019.8	0	ESE	3	b	56	75	7	-	-	-	-	0	*
Ross-on-Wye	1021.1	-2	ENE	3	b-	55	75	6	4000	Cu	1	A.Cu	3	*
Benson	1020.2	-2	NNE	3	o-	57	85	5	-	St	9	-	9	*
S. Farnborough	1019.6	-2	ENE	3	c	61	75	7	2500	St.Cu	7	-	7	*
London	1019.6	-4	ENE	3	o/f	62	65	5	?	St	3	A.Cu	9	*
Croydon	1019.7	-2	NE	3	c-	63	75	7	4000	St.Cu	6	Ci.Cu	7	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1020.2	-2	NNE	3	ffbc	57	65	5	1500	St	4	-	4	*
Grain	1020.2	-1	ENE	4	o-	53	85	6	7250	St.Cu	9	-	9	*
Lympne	1018.6	-3	NNE	4	fb-	60	85	5	1500	St.Cu	7	-	7	*
Scilly (St. Mary's)	1017.1	0	ESE	4	b	57	97	5	-	-	-	Ci	3	*
Falmouth	1018.9	0	ENE	4	ffo	55	75	6	-	St	10	-	10	*
Plymouth	1018.7	0	E	3	b	61	65	8	4000	St	1	-	1	*
Portland Bill	1020.0	0	E	3	bc-	54	92	6	-	-	-	Ci.Cu	4	*
Calshot	1019.4	-1	-	0	ffb	57	75	6	5750	St.Cu	10	-	10	*
Dungeness	1019.1	-1	E	2	c-	57	85	6	-	-	-	A.Cu	7	*
Jersey	1017.9	0	E	3	bc	61	75	8	4000	St.Cu	5	-	5	*

Observations at 1800 G.M.T. 27th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1033.4	0	SSE	3	b-	51	75	6	-	-	-	-	0	1
Stornoway	1024.3	0	ESE	6	c-	60	65	7	4000	Cu	2	Ci.St	7	4
Wick	1028.8	0	ESE	4	b	47	97	6	-	-	-	-	0	3
Castlebay	1022.9	0	E	4	off	55	92	6	1500	St	10	-	10	3
Nairn	1025.7	*	SSE	4	bc	64	*	*	*	*	*	*	*	*
Aberdeen	1029.0	+1	E	2	b	50	85	9	-	-	-	-	0	0
Malin Head	1018.7	0	ESE	3	b+	52	97	7	4000	Cu	2	Ci.Cu	4	1
Renfrew	1023.7	0	ENE	4	o-	55	75	6	4000	Cu	2	Ci.St	9	*
Leith	1025.1	+1	E	3	c	49	85	5	-	-	-	Ci.St	7	*
Eskdalemuir	1023.7	0	E	4	c-	57	65	8	5750	Cu	1	Ci.St	8	*
Tynemouth	1025.2	0	ESE	2	bc	48	92	7	-	-	-	A.Cu	4	1
Blacksod Point	1015.8	-1	SE	2	bc	56	75	7	5750	Cu	4	-	4	1
Donaghadee	1021.4	0	SE	2	o	52	92	6	-	-	-	A.St	10	0
Birr Castle	1018.4	*	SE	1	bc-	59	75	6	-	-	-	A.Cu	5	*
Baldonnell	1020.3	0	E	3	fb-	54	75	5	-	-	-	-	0	*
Holyhead	1020.6	0	NE	4	b	54	92	5	-	-	-	A.Cu	2	1
Liverpool (Bidston)	1020.8	-1	E	3	ifo	58	75	4	1500	Cu	2	A.St	8	1
Manchester (Alex.Pk.)	1021.5	+1	ENE	3	o	57	75	5	5750	St.Cu	10	A.Cu	10	*
Howden	1023.2	+2	ENE	3	c	53	85	6	4000	St	5	Ci.St	8	*
Spurn Head	1023.0	0	E	3	c	50	85	7	5750	St.Cu	5	Ci.Cu	8	1
Nottingham	1021.7	*	ENE	3	o	56	85	5	2500	Nb	6	Ci.St	9	*
Cranwell	1022.3	0	ENE	3	o-	54	85	7	4000	St.Cu	8	A.Cu	9	*
Gorleston	1021.2	-1	ENE	4	bc	52	85	7	-	-	-	Ci.Cu	5	0
Pulham	1020.7	0	ENE	2	c	58	75	7	4000	St.Cu	5	Ci.St	7	
Felixstowe	1020.2	-1	NE	4	b+	55	75	8	-	-	-	Ci.St	3	2
Valencia (Cahirciveen)	1014.7	0	SE	5	bc-	60	65	8	4000	Cu	4	-	4	1
Roches Point	1018.5	0	ESE	4	bc-	52	92	6	-	-	-	Ci.Cu	4	3
Pembroke (St.Ann's H.)	1019.4	-1	E	2	b	57	75	7	-	-	-	-	0	1
Ross-on-Wye	1020.0	-2	E	3	bc	58	75	6	4000	Cu	2	Ci.Cu	5	*
Benson	1019.3	-1	-	0	bcll	59	85	6	-	Cu	6	-	6	*
S. Farnborough	1019.2	+1	ENE	2	bc-	61	65	8	4000	St.Cu	3	A.Cu	5	*
London	1019.5	+1	ENE	3	bc-	61	65	6	-	-	-	A.Cu	6	*
Croydon	1019.6	+1	E	3	bc-	58	75	7	-	-	-	A.Cu	4	*
Clacton-on-Sea	1019.8	0	ENE	3	b	58	75	7	-	-	-	A.Cu	3	0
Shoeburyness	1020.0	-1	ESE	1	bff	53	75	6	2500	St	2	-	2	*
Grain	1019.9	0	-	0	b	53	85	7	-	-	-	A.Cu	2	0
Lympne	1019.0	+1	ESE	3	r-	57	75	8	4000	Nb	8	A.St	9	*
Scilly (St. Mary's)	1017.8	0	SE	4	o+	52	97	6	800	St	10	-	10	5
Falmouth	1018.4	0	ESE	1	fb+	53	85	5	-	-	-	Ci	1	*
Plymouth	1018.4	0	S	1	b	57	97	8	-	-	-	-	0	*
Portland Bill	1019.2	0	E	2	b-	53	92	6	-	-	-	Ci.St	2	2
Calshot	1018.8	0	N	2	ffb	55	92	5	-	-	-	-	0	0
Dungeness	1019.1	-1	E	2	cll	56	75	7	4000	Nb	7	-	7	3
Jersey	1017.5	0	ENE	3	b	57	75	8	-	-	-	-	0	0

LONDON OBSERVATIONS.

	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 HOURS ENDED 0900 G.M.T. 28th							YESTERDAY.		TO-DAY.
Kew } 24 hours ended 0700	form	c	form	*	*	36	-	3.0	*	*
Croydon } 24 hours ended 0700	rord	c	form	*	*	35	-	*	*	*
Greenwich (Royal Obsy.)	0	c	b.o.b	67	44	33	-	3.5	77	68
City (Bunhill Row)	*	*	*	*	*	*	*	2.5	*	*
Westminster (St. James' Pk.)	*	*	*	67	50	43	0.1	2.6	67	63
Regents Pk. (Botanical Gdns.)	*	*	*	*	*	*	*	3.4	*	-
Camden Sq. (Brit. Rainfall)	0	obc	*	72	47	41	-	*	55	66
Kensington Palace	0	obc	*	63	45	39	-	*	68(18)	70
Hampstead Observatory	obc	bcb	b	65	47	42	-	4.5	*	70

ATMOSPHERIC POLLUTION. Lbs. of Solid impurity per million cubic yards.

24 HR. ended 1600 G.M.T. 27th

South Kensington

Max.	Time.	Min.	Time.

Kew Observatory

Max.	Time.	Min.	Time.
1	2200 26th	<1	2400 26th
1	1300 27th		

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total 1056 joules

Average Rate 20.2 Milliwatts.

Maximum Rate 68 Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 27th 20 h. 30 m. to 28th 03 h. 30 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	7.0	5 56	85
δ Ursae Minoris	7.0	5 47	83

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

28th and 29th APRIL 1921.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.30	11.50	7.10
	4.28	11.50	7.12
Greenwich	4.41	11.57	7.15
	4.39	11.57	7.16
Wick	4.29	12.9	7.50
	4.26	12.9	7.52
Valencia	5.20	12.38	7.57
	5.18	12.38	7.58

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs s' t, *i.e.*, rain and snow together.
s s. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
$r_o r_o$ = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

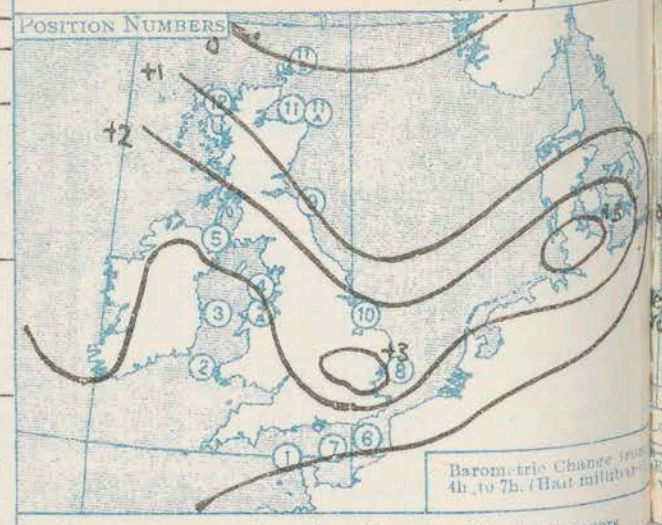
Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 27th	13h.-18h. 27th	18h. 27th to 1h. 28th	1h.-7h. 28th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	SUN. Hours.
Lerwick	b or bc	b or bc	b or bc	b or bc	56	44	*	-	-	-	*
Stornoway	c	c	b or bc	b or bc	63	46	*	-	-	-	7.9
Wick	f or m	b or bc	c	p	50	43	*	-	1	-2400	*
Castlebay	f or m	f or m	f or m		55	50.	*	-	-	-	1.4
Nairn	cmbc	bcq	bc×m. cm		70	35	*	-	-	*	7.4
Aberdeen	b or bc	b or bc	b or bc		56	41	31	-	-	-	12.7
Malin Head	f or m	f or m	b or bc	b or bc	54	47	*	-	-	-	11.0
Renfrew	oo	c	oo	oo	59	44	40	Trace	Trace	-	0.5
Leith	c	c	oo		52	45	42	-	0.1		*
Eskdalemuir	r or d	c	b or bc	c	62	40	35	1	-	-	0.7
Tynemouth	b or bc	b or bc	b or bc	b or bc	52	45	*	-	-	-	*
Blacksod Point ...	b or bc	b or bc	b or bc	c	59	46	*	-	-	-	*
Donaghadee	b or bc	b or bc	p		56	44	*	-	1	-2200	*
Birr Castle	c	c	c		62	42	36	-	-	-	9.2
Baldonnell	b or bc	c	f or m	F	57	41	35	-	Trace	-	10.7
Holyhead	b or bc	f or m	b or bc	b or bc	60	47	42	-	-	-	7.1
Liverpool (Bidston) ...	c	f or m	f or m		59	43	39	-	-	-	2.6
Manchester (Alex.Pk.)	oo	oo	c		60	46	31	-	-	-	*
Howden	oo	oo	b or bc	oo	63	39	32	1	-	-	2.2
Spurn Head	c	c	b or bc	b or bc	50	44	44	-	-	-	*
Nottingham	r or d	p	c		60	44	39	2	-	0900	0.4
Cranwell	p	oo	c	b or bc	59	40	37	1	-	1100	0.2
Gorleston	c	b or bc	b or bc	b or bc	55	48	44	1	-	-	2.2
Pulham	oo	c	c	b or bc	63	43	38	-	-	-	1.5
Felixstowe	r or d	b or bc	b or bc	b or bc	57	40	*	1	-	-	2.8
Valencia (Cahirciveen)	b or bc	b or bc	b or bc	c	60	51	45	-	-	-	5.1
Roches Point	b or bc	c	b or bc		55	50	*	-	-	-	*
Pembroke (St.Ann's H.)	b or bc	b or bc	b or bc	f or m	58	45	*	-	-	-	11.9
Ross-on-Wye	c	b or bc	p		60	40	36	-	Trace	-2200	5.5
Benson...	oo	b or bc	f or m		64	41	34	0.2	-	1730	*
S. Farnborough ...	f or m	c	r or d		66	38	35	-	-	-	2.8
London	f or m	c	f or m		66	45	36	-	-	-	3.0
Croydon	r or d	c	b or bc	f or m	65	41	35	Trace	-	1100	*
Clacton-on-Sea ...	*	c	b or bc		59	49	45	1	-	-	6.1
Shoeburyness	f or m	f or m	f or m		61	46	39	-	-	-	7.9
Grain	f or m	c	b or bc		56.	42	35	-	Trace	-	3.9
Lympne	f or m	c	r or d	c	63	48	42	Trace	Trace	1100	2.2
Scilly (St. Mary's) ...	b or bc	b or bc	f or m	F	57	47	*	-	-	-	10.9
Falmouth	c	f or m	f or m	f or m	56	46	46	-	Trace	-	6.6
Plymouth	b or bc	b or bc	b or bc		62	42	40	-	Trace	-	12.8
Portland Bill	c	oo	b or bc	b or bc	55	45	*	-	-	-	*
Calshot	f or m	f or m	f or m	f or m	60	49	45	3	-	1330	3.9
Dungeness	p	c	p	b or bc	58	50	*	0.1	2	1100	*
Jersey	c	b or bc	F		63	47	*	-	-	-	9.3

ISALLOBARS. 28th April, 1921.



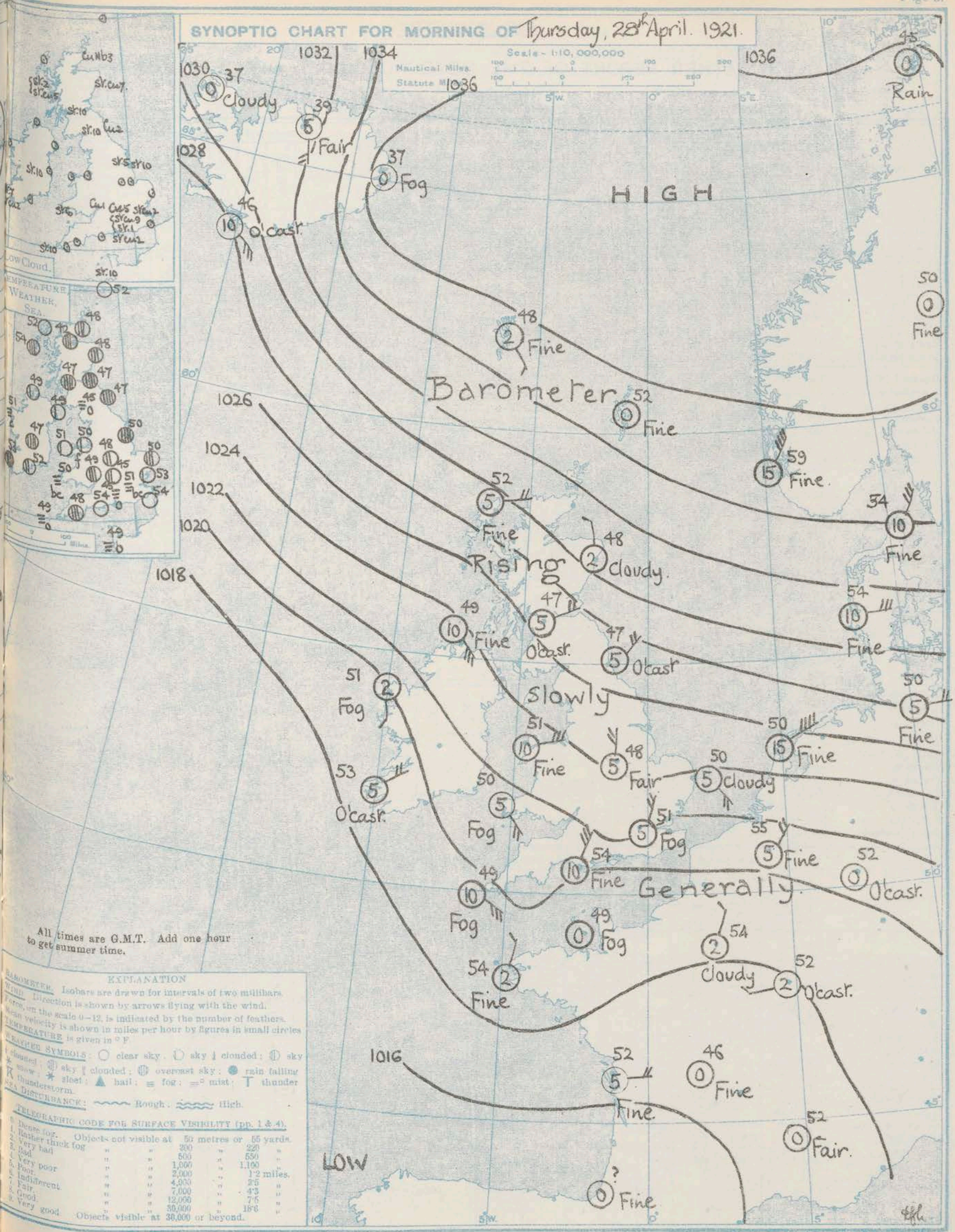
Temperature reported from Cross Channel and Coastal Steamers

Position Number.	12	4A	3	1	6	7	3	8
Date	26th	26th	26th	26th	26th	27th	27th	27th
Time G.M.T.	410	0430	1045	1249	1340	0335	?	1300
Sea ° F	47	46	48	54	50	49	48	49
Air ° F	52	47	51	57	55	50	50	52

GENERAL INFERENCE.

The large anticyclone over Scandinavia will maintain Easterly winds and fair to fine weather generally over the British Isles during the next few days. Rather high temperatures are to be expected inland during the day but ground frost will occur locally at night.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Thursday April 28th 1921	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N.&N.W. Scotland 15. Hebrides	Light to moderate Easterly winds; fair to fine; visibility mainly good but some mist or fog at night; rather high temperature during the day inland but ground frost locally at night.	Fair to fine and rather warm with Easterly winds for two or three days.
16. Orkneys and Shetlands	Light S.E. breeze; fine; visibility good; little change of temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Same as for 1 - 15.	



H.M. Stationery Office Press, Kingsway, W.C.2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....THURSDAY, 28th APRIL.....1921. No. 118....

Observations at 0100 G.M.T. 28th

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1035·3	+2	-	0	b+	49	75	6	-	-	-	-	-	0
Stornoway	1027·4	+3	SE	5	b	*	*	6	*	*	*	*	*	0
Wick	1030·3	+1	SE	1	PR	47	97	8	7250	St-Cu	8	-	8	3
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	A
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	0
Malin Head	1023·0	+2	ESE	1	ifb	49	97	5	-	-	-	-	-	0
Renfrew	1026·8	+2	NE	3	0	45	92	7	-	-	Ci-St	10	-	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	A
Eskdalemuir	1026·6	0	N	3	bc	43	97	6	4000	St	3	-	3	*
Tynemouth	1025·9	0	NW	2	bc	47	92	6	4000	-	-	A.Cu	3	*
Blacksod Point ...	1017·3	+2	SE	2	b	52	85	6	-	-	-	Ci-Cu	2	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1022·0	0	NE	2	ffb	44	85	4	-	-	-	-	-	*
Holyhead	1021·4	0	E	3	b	*	*	7	-	-	-	-	-	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	1024·1	0	-	0	bc	41	97	6	-	St	6	-	6	*
Spurn Head	1023·6	+2	E	2	b	47	85	8	-	-	-	-	-	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1023·2	0	N	2	bc	43	97	6	1500	St	3	-	3	*
Gorleston	1021·2	+1	E	4	b	50	85	7	-	-	-	-	-	*
Pulham	1022·0	0	-	0	b	45	92	5	-	-	-	-	-	*
Felixstowe	1021·1	0	NNE	2	b	47	92	7	5750	St-Cu	3	-	3	*
Valencia (Cahirciveen)	1016·8	0	ESE	3	bc	52	*	4	-	-	-	A.St	4	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1020·5	0	E	2	b	51	85	7	-	-	-	-	-	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London	1020·7	0	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1021·1	-1	-	0	b	43	97	6	-	-	-	-	-	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1018·9	0	NNE	4	c	51	92	8	-	-	-	A.St	7	*
Scilly (St. Mary's) ...	1018·7	0	ESE	4	fo	48	92	8	-	-	-	Ci-St	10	*
Falmouth	1019·6	0	ESE	3	ffo	48	97	3	-	St	10	-	10	*
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1019·6	0	NW	3	b	53	92	7	-	-	-	-	-	*
Calshot	1020·0	0	NNE	1	b	49	97	6	-	-	-	A.Cu	2	*
Dungeness	1018·9	-1	NNE	2	c	54	85	8	5750	Cu	6	-	6	*
Jersey (Guernsey 1h.)	1019·3	+1	NE	2	ffo	49	97	0	4250	St	10	-	10	*

Observations at 0700 G.M.T. 28th

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1035·1	+2	-	0	b	52	85	8	-	-	-	-	-	0
Stornoway	1029·0	+2	E	2	b	52	75	7	-	-	-	-	-	0
Wick	1030·9	0	E	3	c	48	97	7	800	Cu Nb	3	A.Cu	7	3
Castlebay	1025·5	+1	E	4	c/f	54	75	8	2500	St-Cu	7	-	7	A
Nairn	1030·2	*	-	0	c	42	*	*	*	*	*	*	*	*
Aberdeen	1030·3	+1	NW	1	c	48	92	7	4000	St-Cu	7	-	7	0
Malin Head	1023·1	+2	ESE	3	b	49	97	7	-	-	-	Ci	2	0
Renfrew	1027·3	+1	ENE	2	0	47	92	7	800	St	10	-	10	*
Leith	1028·0	+1	E	2	0/f	47	92	7	1500	St	10	-	10	A
Eskdalemuir	1026·8	+2	N	3	ifo	45	92	6	1500	St	10	-	10	*
Tynemouth	1026·7	+1	NE	2	0	47	97	6	4000	Cu	2	Ci-St	9	1
Blacksod Point ...	1019·8	+2	S	1	fc	51	85	7	5750	-	-	A.Cu	7	1
Donaghadee	1024·3	+2	ESE	2	bc	49	86	8	4000	-	-	A.Cu	2	0
Birr Castle	1022·1	*	SE	1	0	47	97	6	450	St	10	-	10	*
Baldonnell	1022·7	+1	NE	1	ffo	46	97	0	<150	St.	10	-	10	*
Holyhead	1022·2	+2	E	3	b+	51	92	7	-	-	-	A.Cu	3	0
Liverpool (Bidston) ...	1023·6	+1	E	1	fo	50	75	3	1500	St	10	-	10	1
Manchester (Alex.Pk.)	1023·6	+1	ENE	1	b	51	85	4	-	-	-	-	-	*
Howden	1024·8	+2	-	0	0	45	97	5	4000	St	5	A.Cu	10	*
Spurn Head	1024·4	+1	E	2	0	50	92	7	450	St	10	-	10	1
Nottingham	1024·0	*	N	2	bc	48	92	3	-	-	-	Ci	4	*
Cranwell	1024·4	+2	NNW	2	0⊕	45	97	6	-	-	-	Ci-St	9	*
Gorleston	1022·9	+1	ESE	2	c	50	85	7	-	-	-	Ci-Cu	8	0
Pulham	1022·8	+2	ENE	1	bc	49	92	6	5750	St-Cu	3	A.St	6	*
Felixstowe	1022·5	+2	NE	3	bc+	53	85	7	-	-	-	Ci-St	5	1
Valencia (Cahirciveen)	1018·5	+2	ENE	2	0	53	75	8	1500	St	9	-	9	0
Roches Point	1020·2	+2	ESE	3	bc	52	97	5	-	-	-	Ci	4	3
Pembroke (St. Ann's H.)	1020·9	+1	ESE	2	fc	50	97	7	4250	St	6	-	6	1
Ross-on-Wye	1022·1	+1	E	1	c+	49	85	5	4000	Cu	1	Ci	7	*
Benson	1021·7	+3	N	2	bc	45	97	4	-	Cu	5	-	5	*
S. Farnborough ...	1021·1	+1	WNW	1	fo	45	97	5	4000	St-Cu	10	-	10	*
London	1022·2	+1	NNE	2	fb+	51	85	5	5750	St-Cu	2	A.Cu	6	*
Croydon	1021·5	+1	ENE	1	0	50	92	5	4000	St-Cu	6	A.Cu	9	*
Clacton-on-Sea ...	1021·7	+3	NE	3	bc	53	85	7	-	-	-	A.St	5	0
Shoeburyness	1021·4	+2	NNE	2	b	55	75	6	4000	Cu	2	-	2	*
Grain	1021·3	+1	NE	1	b	51	92	6	-	-	-	A.St	2	0
Lympne	1020·1	+2	ENE	3	b	59	75	8	-	-	-	Ci-St	2	*
Scilly (St. Mary's) ...	1019·6	+1	ESE	3	ffo	49	97	1	<150	St	10	-	10	4
Falmouth	1020·1	+2	NW	1	c+	48	97	4	-	-	-	Ci-St	7	*
Plymouth	1019·8	0	-	0	ffb	49	92	6	-	-	-	Ci-St	3	*
Portland Bill	1019·9	+1	NE	3	b	54	92	6	-	-	-	-	-	2
Calshot	1020·3	+1	E	3	b	53	85	7	5750	St-Cu	2	-	2	0
Dungeness	1020·3	+1	NNE	3	b	54	85	8	-	-	-	-	-	3
Jersey (Guernsey 1h.)	1019·4	0	-	0	ffo	49	97	2	-	St	10	-	10	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 27th APRIL.

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 26th-27th mm.	Rainfall.† Day 9h.-18h. 27th mm.	Sunshine. Sunrise to 17h. 27th hr.	Sunshine. Sunrise to Sunset. 26th hr.
Banff	bc b	b	62	43	-	-	10·1	8·9
Montrose	bc	b	52	38	-	-	8·8	2·1
Llandudno	bm	bm	59	41	-	-	9·1	8·2
Colwyn Bay ...	b	b	61	40	-	-	8·6	9·0
Rhyl	c bc	bc	63	37	-	-	7·3	12·1
Southport	0	ocd	60	41	-	-	0·0	3·8
Blackpool	0	0	58	40	-	-	0·0	7·4
Harrogate	foc bc	c	60	42	6	0·3	0·3	0·9
Skegness	fo	0	53	45	1	0·4	0·0	5·0
Aberystwyth ...	0	cb	64	44	-	-	8·5	5·0
Bath	cbcb	b	64	40	-	-	7·0	5·3
Leamington Spa ...	ocb	b	63	42	-	-	2·6	1·3
Lowestoft	oc	cbcc	54	47	1	-	3·6	1·3
Felixstowe	omp	b	54	47	1	1	2·2	8·1
Southend	w.ocbc	bc	60	46	-	-	4·1	7·7
Ilfracombe	b	b	61	46	-	-	10·8	8·0
Bude	b	b	67	39	-	-	11·4	7·1
Penzance	c bc	b	57	46	-	-	11·0	11·2
Torquay	c2c2b	b2	59	48	-	-	?	9·4
Weymouth	c bc	bc	63	45	-	-	5·9	11·9
Bournemouth ...	o	bc bc	63	42	-	-	5·0	9·5
Portsmouth (S'thsea)	*	*	60	45	-	5	2·4	10·5
Worthing	o	ob	64	44	-	-	2·0	12·1
Brighton	o	oc	61	45	-	-	2·8	11·4
Eastbourne	oc	cbcc	63	46	-	-	4·5	10·9
Hastings	f.o.c	bct	64	46	-	-	3·0	10·7
Folkestone	om.o	b.bc.b	64	44	-	-	4·7	6·5
Tunbridge Wells ...	bc	bc	58	46	-	-	6·8	3·5
Ramsgate	of bc	b	55	47	-	-	7·0	0·0

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. ‡ For code see page 3. § See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 21,708 FRIDAY 29th APRIL 1921.

Observations at 1300 G.M.T. 28th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1034.9	-1	S	4	b.	55	55	8	-	-	-	-	0	*
Stornoway	1028.4	-1	E	2	b	62	65	8	-	-	-	-	0	*
Wick	1031.4	0	E	1	b/r	51	92	8	-	-	-	A.Cu	2	*
Castlebay	1026.0	0	E	3	b	62	55	7	-	-	-	A.St	1	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1031.8	+1	ESE	2	b	56	75	8	-	-	-	A.Cu	2	*
Malin Head	1023.4	0	ESE	3	c+	52	97	7	4000	St.Cu	8	-	8	*
Renfrew	1026.8	-1	ENE	4	c	61	65	7	5750	St.Cu	3	Ci.St	8	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1026.1	0	ENE	4	c-	64	65	7	5750	St.Cu	4	Ci.St	8	*
Tynemouth	1028.1	+2	E	1	bc	54	85	7	-	-	-	Ci.Cu	8	*
Blacksod Point ...	1020.5	+2	S	1	bc	58	75	6	5750	Cu	4	-	4	*
Donaghadee	1024.1	0	N	1	bc+	57	75	8	-	-	-	Ci.St	6	*
Birr Castle	1021.5	*	SE	1	c-	66	92	6	2500	Cu	8	-	8	*
Baldonnell	~~1021.5~~	0	E	23	fo-	61	65	5	2500	St	+3	A.St	9	*
Holyhead	1023.2	0	ENE	4	b	63	75	7	4000	Cu	1	Ci	2	*
Liverpool (Bidston) ...	1022.5	-1	ESE	3	bc+	69	45	6	7250	Cu	5	-	5	*
Manchester (Alex.Pk.)	1024.1	0	NE	4	bc-	66	65	6	-	-	-	Ci	5	*
Howden	1025.7	0	ENE	2	c	61	75	7	-	-	-	A.St	8	*
Spurn Head	1025.6	+1	E	3	b-	55	75	8	-	-	-	A.Cu	3	*
Nottingham	1023.8	*	NE	3	bc+	65	75	6	-	-	-	A.Cu	5	*
Cranwell	1024.5	0	ENE	4	o	63	85	6	-	-	-	A.St	10	*
Gorleston	1023.0	+1	ENE	3	b	52	85	7	-	-	-	Ci.Cu	1	*
Pulham	1023.1	0	ENE	4	b	63	55	7	-	-	-	Ci.St	3	*
Felixstowe	1023.1	0	NE	4	b-	59	65	8	-	-	-	Ci	1	*
Valencia (Cahirciveen)	1021.1	+3	SSE	3	c-	57	75	7	2500	St.Cu	3	A.St	9	*
Roches Point	1022.4	+2	S	2	o	52	97	5	1500	St	10	-	10	*
Pembroke (St.Ann's H.)	1021.7	0	ESE	2	fb-	55	85	7	~~<150~~	~~St~~	~~4~~	A.Cu	~~9~~ 5	*
Ross-on-Wye	1021.5	0	E	3	bc-	65	65	6	-	-	-	A.Cu	4	*
Benson	1021.1	~~+2~~ 1	ENE	3	bc	71	45	7	-	Cu	4	Ci	5	*
S. Farnborough ...	1020.7	-1	ENE	4	c+	71	45	8	4000	Cu	6	Ci.St	8	*
London	1020.9	-1	E	4	c+	69	45	8	4000	Cu	3	Ci.St	8	*
Croydon	1021.2	-1	ENE	4	c+	71	45	9	4000	Cu	1	A.Cu	7	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1022.3	+1	NE	4	b	60	65	6	4000	Cu	1	-	1	*
Grain	1021.2	0	-	0	b-	56	85	7	-	-	-	Ci.St	2	*
Lympne	1020.2	0	ENE	4	b	65	55	8	4000	Cu	1	Ci.St	2	*
Scilly (St. Mary's) ...	1021.1	+1	SE	1	ffo	54	92	1	<150	St	10	-	10	*
Falmouth	1020.2	-1	SE	3	b	63	55	7	-	-	-	Ci.St	1	*
Plymouth	1020.1	0	E	2	bc	66	65	7	-	-	-	Ci.St	4	*
Portland Bill	1019.9	0	NE	3	b	57	92	7	-	-	-	-	0	*
Calshot	1020.7	+1	SE	3	bc-	64	65	8	4000	St.Cu	3	Ci.St.	4	*
Dungeness	1020.2	0	E	3	b-	59	65	8	-	Cu	1	-	1	*
Jersey	1019.2	0	WNW	3	b/f	57	85	8	-	-	-	-	0	*

Observations at 1800 G.M.T. 28th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1033.9	-1	SE	3	b	52	65	7	-	-	-	-	-	2
Stornoway	1027.6	-1	ESE	4	b-	62	55	8	-	-	-	A.St	2	1
Wick	1031.6	+1	E	1	bc-	49	92	8	-	Cu Nb	4	-	4	1
Castlebay	1026.0	0	E	3	b+	62	55	7	-	-	-	A.St	2	2
Nairn	1028.7	*	SE	2	bc	61	*	*	*	*	*	*	*	*
Aberdeen	1032.2	0	ENE	3	b-	51	75	8	-	-	-	A.Cu	1	0
Malin Head	1023.9	0	ESE	3	bc-	56	92	7	-	-	-	Ci.Cu	4	0
Renfrew	1027.6	+2	ENE	4	o	55	65	7	5750	Cu	1	A.St	10	*
Leith	1028.9	*	E	4	d	49	85	7	-	-	-	Ci.St	7	*
Eskdalemuir	1027.8	+2	ENE	3	o	56	55	8	-	-	-	Ci.St	10	*
Tynemouth	1029.0	+1	E	2	bc	50	85	8	-	-	-	A.Cu	4	0
Blacksod Point ...	1029.9	+1	W	2	o d	57	85	6	450	St	10	-	10	1
Donaghadee	1024.1	0	N	1	b	59	75	8	-	-	-	-	0	0
Birr Castle	1021.5	*	S	1	o+	63	75	6	2500	Cu Nb	9	-	9	*
Baldonnell	1023.0	+1	ENE	2	fo+	59	75	5	-	-	-	A.St	9	*
Holyhead	1022.0	0	E	5	bc	60	85	7	5750	Cu Nb	3	A.St	5	1
Liverpool (Bidston) ...	1023.5	+1	E	3	b/f	64	55	5	-	-	-	A.St	3	3
Manchester (Alex.Pk.)	1025.0	+2	ENE	4	o	59	65	6	-	-	-	A.Cu	9	*
Howden	1027.3	+3	E	3	bc-	51	85	7	-	-	-	A.St	4	*
Spurn Head	1025.9	0	ENE	3	b-	52	75	8	-	-	-	A.Cu	2	1
Nottingham	1024.7	*	NE	4	bc	56	75	6	-	-	-	Ci.Cu	5	*
Cranwell	1025.5	+1	ENE	4	bc-	53	75	8	-	-	-	Ci.St	4	*
Gorleston	1023.3	0	ENE	5	b	52	85	7	-	-	-	-	0	3
Pulham	1023.5	0	ENE	4	b	56	75	7	-	-	-	-	0	*
Felixstowe	1022.8	0	NNE	2	b	55	75	8	-	-	-	-	0	2
Valencia (Cahirciveen)	1021.9	+1	S	2	bc-	59	75	8	4000	St.Cu	4	Ci.Cu	5	0
Roches Point	1023.2	+1	S	1	c-	51	97	5	+	+	+	A.Cu	7	0 1-
Pembroke (St.Ann's H.)	1022.2	+1	NE	1	fb-	62	75	7	+	+	+	Ci.St	2	1
Ross-on-Wye	1021.4	0	E	3	o+	65	65	8	4000	Cu Nb	2	Ci	9	*
Benson	1021.3	0	NE	1	bc	65	45	7	-	-	-	Ci.St	6	*
S. Farnborough ...	1022.3	+1	ENE	3	c-	65	55	8	-	-	-	Ci.St	8	*
London	1021.7	+1	E	3	b	62	55	7	-	-	-	Ci	3	*
Croydon	1021.9	+2	ENE	3	b-	58	65	8	-	-	-	Ci	3	*
Clacton-on-Sea ...	1022.2	0	NNE	4	b	57	75	7	-	-	-	A.St	3	0
Shoeburyness	1022.1	0	NE	4	b	55	65	7	-	-	-	-	0	*
Grain	1022.4	0	ENE	3	b	53	85	8	-	-	-	-	0	0
Lympne	1020.7	+1	NE	6	b	56	85	8	-	-	-	Ci.St	2	*
Scilly (St. Mary's) ...	1021.4	0	NE	3	ffo	50	97	1	<150	St	10	-	10	3
Falmouth	1021.0	0	N	2	ffb	59	75	6	-	-	-	-	0	*
Plymouth	1020.6	~~0~~ +1	-	0	bc-	61	75	7	-	-	-	Ci.St	4	* 1020.6
Portland Bill	1019.9	0	NE	2	b	59	92	7	-	-	-	Ci.Cu	2	0
Calshot	1020.6	+1	ESE	~~3~~ 4	o+	62	55	8	-	-	-	Ci	9	0
Dungeness	1020.5	0	ENE	3	b	56	75	8	-	-	-	-	0	3
Jersey	1018.9	0	ENE	3	b	65	65	8	-	-	-	Ci	1	0

LONDON OBSERVATIONS.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 HOURS ENDED 0900 G.M.T. 29th							YESTERDAY.		TO-DAY.
Kew ... } 24 hours ended 0700	bc/bc	bc/bc	bc/bc	*	*	43	-	7.1	*	*
Croydon ... } 24 hours ended 0700	bc/bc	bc/bc	bc/bc	*	*	32	-	*	*	*
Greenwich (Royal Obsy.) ..	b	b.bc	cb.b	72	45	33	-	11.5	44	54
City (Bunhill Row)	*	*	*	*	*	*	*	9.7	*	*
Westminster (St. James' Pk.)	bc	bc	bc	72	49	43	-	9.3	53	58
Regents Pk. (Botanical Gdns.)	*	*	*	*	*	*	*	7.0	*	-
Camden Sq. (Brit. Rainfall) ..	b.bc	b	*	75	45	39	-	*	40	55
Kensington Palace	b	b	*	73	45	41	-	*	59 (18h)	56
Hampstead Observatory ..	*	*	*	69	46	40	-	8.8	*	56

ATMOSPHERIC POLLUTION. Lbs. of Solid impurity per million cubic yards.

24 HR. ended 1600 G.M.T. 28th

South Kensington

Max.	Time	Min.	Time
1	1900 27th	<1½	2400 27th
1	0900 28th		

Kew Observatory

Max.	Time.	Min.	Time.
1	2100 27th	½	0300 28th
2	0900 28th		

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total 1645 joules

Average Rate 31.4 Milliwatts.

Maximum Rate 40 Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 28th 20h 30m to 29th 03h 30m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	7.0	7.0	100
δ Ursae Minoris	7.0	7.0	100

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

29th AND 30th APRIL 1921.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth ..	4.28 / 4.26	11.50 / 11.50	7.12 / 7.13
Greenwich ..	4.39 / 4.37	11.57 / 11.57	7.16 / 7.17
Wick	4.26 / 4.23	12.9 / 12.9	7.52 / 7.54
Valencia ..	5.19 / 5.16	12.35 / 12.35	7.58 / 7.59

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, *i.e.*, rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
$r_o r_o$ = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

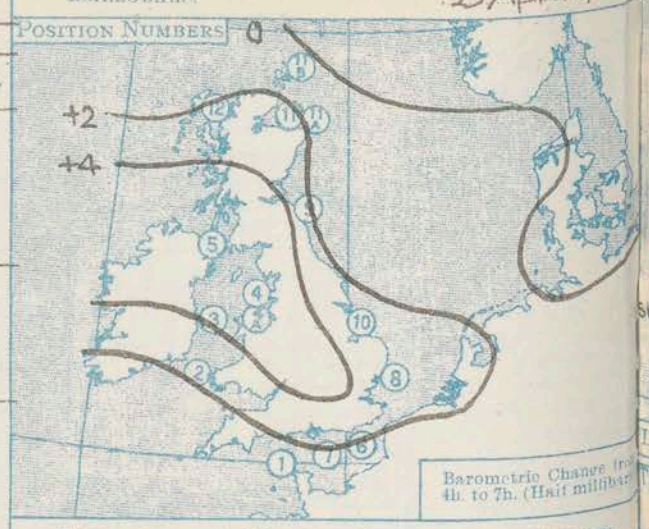
§ For code see page 8.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 28th	13h.-18h. 28th	18h. 28th to 1h. 29th	1h.-7h. 29th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	SUN. Hours.
Lerwick	b or bc	b or bc	b or bc	b or bc	58	42	*	-	-	-	*
Stornoway	b or bc	b or bc	b or bc	b or bc	67	46	*	-	-	-	9.0
Wick	p	c	b or bc	F	51	44	*	0.5	-	-	*
Castlebay	c	b or bc	b or bc		62	52	*	-	-	-	11.0
Nairn	c bc q	q bc	bc x. bm		70	35	*	-	-	*	6.3
Aberdeen	b or bc	b or bc	b or bc		56	42	28	-	-	-	11.1
Malin Head	c	c					*	-		-	
Renfrew	c	c	c	c	62	44	39	-	-	-	5.8
Leith	b or bc	b or bc	oo		53	43	41	-	-	-	*
Eskdalemuir	c	oo	b or bc	c	65	37	32	-	-	-	4.1
Tynemouth	b or bc	b or bc	b or bc	b or bc	~~49~~ 50	45	*	-	-	-	*
Blacksod Point ...	b or bc	b or bc	b or bc	b or bc	60	44	*	-	0.2	-	*
Donaghadee	b or bc	b or bc	b or bc		59	47	*	-	-	-	*
Birr Castle	c	c	c		67	48	40	-	-	-	3.6
Baldonnell	f or m	f or m	c	F	63	43	37	-	-	-	1.8
Holyhead	b or bc	b or bc	b or bc	b or bc	64	46	44	-	-	-	8.5
Liverpool (Bidston) ...	b or bc	f or m	f or m		69	44	38	-	-	-	8.3
Manchester (Alex.Pk.)	b or bc	c	b or bc		69	43	35	-	-	-	*
Howden	c	b or bc	b or bc	b or bc	62	43	35	-	-	-	7.8
Spurn Head	b or bc	b or bc	b or bc	b or bc	56	48	*	-	-	-	*
Nottingham	b or bc	b or bc	b or bc		66	44	39	-	-	-	4.7
Cranwell	c	c	b or bc	b or bc	63	37	33	-	-	-	8.6
Gorleston	b or bc	b or bc	b or bc	b or bc	56	49	47	-	-	-	11.6
Pulham	b or bc	b or bc	b or bc	b or bc	65	45	39	-	-	-	11.3
Felixstowe	b or bc	b or bc	b or bc	b or bc	61	49	*	-	-	-	13.1
Valencia (Cahirciveen)	oo	r or d	b or bc	F	59	45	44	0.3	-	1430	2.5
Roches Point	c	c	b or bc		55	47	*	-	TRACE	-	*
Pembroke (St. Ann's H.)	f or m	f or m	r or d	c	62	49	*	-	11	-	5.9
Ross-on-Wye	b or bc	b or bc	b or bc		70	40	31	-	-	-	10.1
Benson...	b or bc	b or bc	b or bc		72	40	32	-	-	-	*
S. Farnborough ...	b or bc	c	b or bc		74	44	38	-	-	-	7.1
London	b or bc	b or bc	b or bc		70	48	43	-	-	-	7.1
Croydon	b or bc	b or bc	b or bc	b or bc	71	41	32	-	-	-	*
Clacton-on-Sea ...	*	b or bc	b or bc		63	50	46	-	-	-	12.4
Shoeburyness	b or bc	b or bc	b or bc		62	48	42	-	-	-	12.4
Grain	b or bc	b or bc	b or bc		58	49	45	-	-	-	12.5
Lympne	b or bc	b or bc	b or bc	b or bc	67	48	43	-	-	-	13.1
Scilly (St. Mary's) ...	F	F	F	f or m	55	48	*	-	-	-	0.2
Falmouth	b or bc	b or bc	f or m	p	64	49	45	-	-	-	10.8
Plymouth	b or bc	b or bc	b or bc		67	51	*	-	-	-	12.7
Portland Bill	b or bc	b or bc	b or bc	b or bc	60	49	*	-	-	-	*
Calshot	c	p	b or bc	b or bc	64	48	40	Trace	-	1630	9.9
Dungeness	b or bc	b or bc	b or bc	b or bc	61	49	*	-	-	-	*
Jersey	F	b or bc	b or bc		66	50	*	-	-	-	10.7

ISALLOBARS.

29th April, 1921



Temperature reported from Cross Channel and Coastal Steamers.

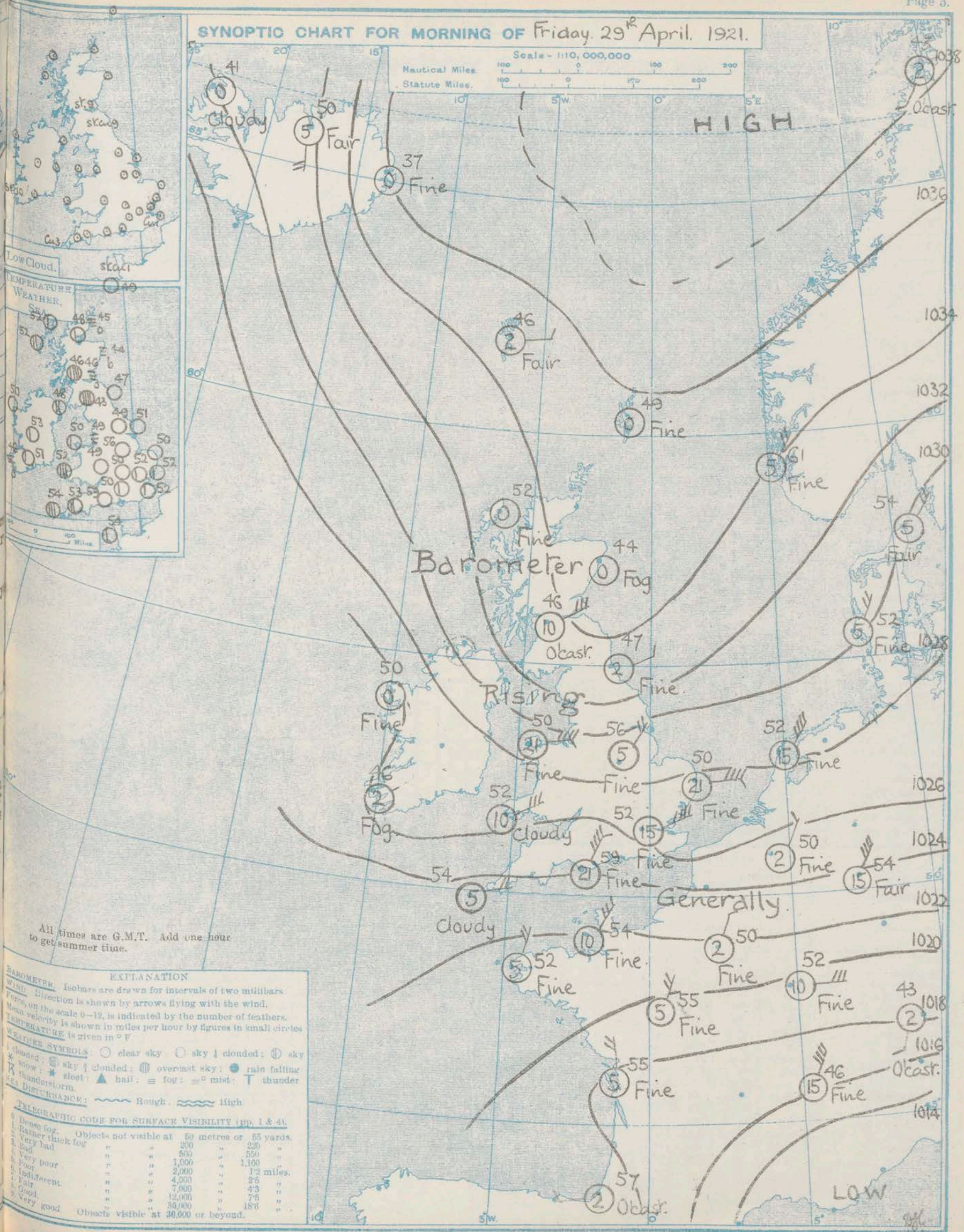
Position Number	12	3	4	6	7
Date	28th	28th	28th	28th	29th
Time G.M.T.	0450	1045	0430	1345	0808
Sea ° F	47	49	48	51	49
Air ° F	55	52	51	60	53

GENERAL INFERENCE.

The large anticyclone is still moving slowly South-Westwards from Scandinavia and will maintain fair to fine but rather cooler weather with Easterly winds over the British Isles for the next few days.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday 29th April 1921	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Moderate to fresh Easterly to North-Easterly winds, strong at times locally; fair to fine; visibility good; becoming somewhat cooler.	Fair to fine with Easterly wind for the next few days but temperature falling somewhat.
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N.&N.W. Scotland 15. Hebrides	Moderate Easterly winds; fair to fine; visibility fair apart from morning mist; moderate temperature.	
16. Orkneys and Shetlands	Light Easterly to indefinite breezes; fine; visibility fair; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate E. to S.E. winds; fair to fine; visibility mainly good apart from morning mist; rather warm.	

E.W.N



H.M. Stationery Office Press Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. FRIDAY, 29th APRIL 1921. No. 119

Observations at 0100 G.M.T. 29th

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1036.2	+2	S	2	b	47	85	8	-	-	-	-	-	*
Stornoway	1030.2	+3	-	0	b	*	*	6	*	*	*	*	*	*
Wick	1033.2	0	SE	1	b	46	97	8	-	-	-	-	-	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head														*
Renfrew	1031.7	+3	ENE	2	bc	45	92	6	1500	St	4	-	4	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1032.0	+1	-	0	b	38	85	7	-	-	-	-	-	*
Tynemouth	1031.7	+1	-	0	b	46	97	8	-	-	-	-	-	*
Blacksod Point	1024.8	+2	-	0	b|r|	51	97	6	4000	-	-	Ci.Cu	2	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1025.9	+2	NE	2	fb	49	92	4	-	-	-	A.St	4	*
Holyhead	1024.8	0	E	5	b|r|	*	*	7	-	-	-	-	-	*
Liverpool (Bidston)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	1029.5	+2	NE	2	b	43	97	5	-	-	-	-	-	*
Spurn Head	1028.3	+2	E	3	b	46	85	8	-	-	-	-	-	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1027.9	+2	NE	2	b	41	97	6	-	-	-	-	-	*
Gorleston	1026.0	+2	E	5	b	49	85	8	-	-	-	-	-	*
Pulham	1025.8	+2	ENE	3	b	48	85	6	-	-	-	-	-	*
Felixstowe	1025.2	+3	NE	4	b	50	85	8	-	-	-	-	-	*
Valencia (Cahirciveen)	1029.4	+3	SSW	1	fb-	49	*	4	*	*	*	*	*	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1024.2	+1	-	0	c|Hr	54	97	8	7250	Cu Nb	6	-	6	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London	1024.0	+2	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1024.0	0	-	0	b	46	85	8	-	-	-	-	-	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1021.7	+1	NE	6	b	51	71% ~~83~~	8	-	-	-	-	-	*
Scilly (St. Mary's)	1022.1	0	NNE	1	fb	49	97	4	-	-	-	-	-	*
Falmouth	1022.7	+1	N	3	b|f	50	92	8	-	St	1	-	1	*
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1022.4	+3	NE	4	b	58	92	8	-	-	-	-	-	*
Calshot	1022.8	+1	NNE	3	b	51	85	8	-	-	-	-	-	*
Dungeness	1021.6	0	E	4	b	51	75	9	-	-	-	-	-	*
Jersey (Guernsey 1h.)	1021.8	+2	NE	3	fb	53	75	6	-	-	-	-	-	*

Observations at 0700 G.M.T. 29th

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1035.8	0	-	0	b	49	75	8	-	-	-	-	-	0
Stornoway	1032.4	+2	-	0	b	52	75	8	-	-	-	A.St	2	0
Wick	1034.6	+2	SSW	2	fo+	45	97	2	-	-	-	A.St	10	1
Castlebay	1030.7	+2	E	4	c	52	65	8	-	-	-	Ci.St	6	3
Nairn	1033.7	*	-	0	b	48	*	*	*	*	*	*	*	*
Aberdeen	1035.7	+1	-	0	fb-	44	97	2	-	-	-	-	-	0
Malin Head	1029.1	+3	SE	3	c	49	92	7	5750	St Cu	2	a Cu	6	0
Renfrew	1033.4	+3	ENE	3	0	46	85	7	1500	St	9	-	9	*
Leith	1034.2	+4	SSE	2	fo	46	92	4	1500	St	10	-	10	4
Eskdalemuir	1033.6	+3	NNE	3	0	43	92	7	1500	St Cu	9	-	9	*
Tynemouth	1032.8	+1	E	1	b	47	92	8	-	-	-	-	-	0
Blacksod Point	1025.3	+3	-	0	b	50	92	7	-	-	-	-	-	0
Donaghadee	1030.2	+3	E	3	bc	48	85	8	-	-	-	Ci St	5	4
Birr Castle	1026.8	*	ENE	1	b+	53	92	5	-	-	-	A.Cu	2	*
Baldonnell	1028.5	+4	ENE	2	ffo	48	92	4	4150	St	10	-	10	*
Holyhead	1027.8	+3	E	5	b	50	85	7	-	-	-	A.St	1	4
Liverpool (Bidston)	1029.2	+2	E	4	fb-	49	75	3	-	-	-	-	-	3
Manchester (Alex.Pk.)	1029.8	+4	NE	3	b	50	75	5	-	-	-	-	-	*
Howden	1031.0	+1	NE	3	b	49	85	7	-	-	-	-	-	*
Spurn Head	1029.9	+1	E	4	b	51	75	8	-	-	-	-	-	2
Nottingham	1029.8	*	NE	2	b	50	85	6	-	-	-	-	-	*
Cranwell	1029.4	+2	ENE	3	b	49	85	8	-	-	-	Ci St	1	*
Gorleston	1027.9	+2	E	5	b	50	85	7	-	-	-	-	-	4
Pulham	1028.1	+2	ENE	3	b	52	75	7	-	-	-	-	-	*
Felixstowe	1027.9	+3	NE	3	b	51	85	8	-	-	-	A.Cu	1	2
Valencia (Cahirciveen)	1026.4	+2	ENE	1	fo-	46	97	2	450	St	10	-	10	*
Roches Point	1026.5	+3	WNW	1	b+	51	97	5	-	-	-	Ci Cu	3	0
Pembroke (St. Ann's H.)	1026.1	+1	E	3	c	52	85	7	-	-	-	A.Cu	7	1
Ross-on-Wye	1027.4	+3	ENE	2	b	49	75	6	-	-	-	-	-	*
Benson	1026.0	+3	NE	2	b	50	75	7	-	-	-	-	-	*
S. Farnborough	1026.0	+4	ENE	4	b	50	75	7	-	-	-	Ci	1	*
London	1026.9	+5	ENE	4	b	52	75	6	-	-	-	Ci St	1	*
Croydon	1026.2	+4	ENE	3	b+	50	85	7	-	-	-	Ci St	2	*
Clacton-on-Sea	1027.0	+4	ENE	4	b+	52	85	7	-	-	-	A.Cu	3	0
Shoeburyness	1026.8	+5	E	3	b	53	75	7	-	-	-	-	-	*
Grain	1027.2	+4	ENE	4	b	52	75	7	-	-	-	A.Cu	1	3
Lympne	1025.6	+5	ENE	5	b	53	65	8	-	-	-	A.Cu	1	*
Scilly (St. Mary's)	1022.9	+1	E	2	c+	54	85	8	4000	Cu	3	A Cu	7	3
Falmouth	1023.5	+2	NE	1	bc	53	75	7	-	-	-	Ci St	4	*
Plymouth	1023.3	+1	E	1	bc	56	75	8	-	-	-	Ci St	6	*
Portland Bill	1023.7	+2	NE	5	b	59	92	8	-	-	-	-	-	4
Calshot	1024.2	+3	ENE	4	b	52	75	8	-	-	-	-	-	1
Dungeness	1025.4	+4	E	5	b+	51	75	8	4000	Cu	1	-	1	4
Jersey (Guernsey 1h.)	1021.1	+1	NE	3	b	54	85	8	4000	St Cu	1	-	1	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 28th APRIL 1921

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 27th-28th mm.	Rainfall.† Day 9h.-18h. 28th mm.	Sunshine. Sunrise to 17h. 28th hr.	Sunshine. Sunrise to Sunset. 27th hr.
Banff	b	by	65	39	-	-	11.3	9.1
Montrose	bc	b	53	36	-	-	8.0	3.8
Llandudno	b	b.bc	66	46	-	-	8.8	8.0
Colwyn Bay	b	b	69	44	-	-	8.8	9.6
Rhyl	bc	bc	71	43	-	-	9.2	10.5
Southport	b bc	bcc	71	45	-	-	8.4	3.8
Blackpool	bc	c	69	46	-	-	8.7	7.4
Harrogate	ocbc	bbc	63	42	-	-	2.5	0.1
Skegness	ob	b	54	43	-	-	7.0	5.0
Aberystwyth	cb b.	b.bc	72	52	-	-	10.0	6.5
Bath	b	b.bc	72	45	0.3	-	8.0	5.3
Leamington Spa	cb	ccb	70	43	-	-	5.3	2.0
Lowestoft	ocbc	bcb	54	48	-	-	9.4	1.3
Felixstowe	bm	b	59	48	-	-	11.2	8.8
Southend	b	b	68	47	-	-	11.0	8.7
Ilfracombe	b.bc	cotlp	64	50	-	-	9.0	8.8
Bude	wbcb	b	70	42	-	-	9.5	7.0
Penzance	cf.b.	b	63	48	-	-	9.0	11.4
Torquay	wbzb.	b	65	47	-	-	10.8	9.2
Weymouth	b	b.bcc	69	49	-	-	10.0	12.8
Bournemouth	b	b	70	46	-	-	11.0	10.7
Portsmouth (S'thsea)	*	*	71	49	-	-	10.1	10.3
Worthing	b	b.bc	70	50	-	-	8.7	12.3
Brighton	b bc	bce	54	51	-	-	10.4	10.7
Eastbourne	b	b	65	50	3	-	11.1	10.4
Hastings	b	b	70	?	3	-	11.5	8.0
Folkestone	b	b	68	52	-	-	9.9	9.6
Tunbridge Wells	b	b	71	44	-	-	11.0	8.6
Ramsgate	bc	bc	62	50	1	-	10.8	4.5
Margate	b	b	58	50	0.4	-	10.8	0.9

* Information for these columns not usually received † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B21799 SATURDAY, 30th APRIL 1921.

Observations at 1300 G.M.T. 29th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1036.0	0	-	0	b	60	65	8	-	-	-	-	0	*
Stornoway	1022.4	+1	S	1	b	62	55	8	-	-	-	-	0	*
Wick	1035.0	0	SE	2	b/f	51	92	8	-	-	-	-	0	*
Castlebay	1033.1	+3	ESE	3	c	55	65	7	2500	St	7	-	7	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1035.8	0	ESE	2	b/f	60	65	8	-	-	-	-	0	*
Malin Head	1030.8	+1	ESE	3	bc-	55	92	7	-	-	-	Ci	4	*
Renfrew	1033.2	-2	NE	3	b+	62	55	8	4000	Cu	3	-	3	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1032.6	0	E	3	b	62	45	7	-	-	-	-	0	*
Tynemouth	1034.2	0	NE	2	b	55	85	8	-	-	-	-	0	*
Blacksod Point ...	1027.8	+4	SE	1	~~b~~ 0	61	85	5	450	St.	10	-	10	*
Donaghadee	1031.4	+1	E	2	b	55	75	8	-	-	-	-	0	*
Birr Castle	1029.9	*	SE	1	bc+	67	65	6	-	-	-	Ci.Cu	4	*
Baldonnell	1029.8	+1	E	3	b	57	75	5	-	-	-	A.St	3	*
Holyhead	1029.0	0	ENE	6	b	60	75	7-	-	-	-	-	0	*
Liverpool (Bidston) ...	1029.9	0	E	3	b	64	45	6	-	-	-	A.Cu	2	*
Manchester (Alex.Pk.)	1030.2	-1	W	2	b	65	45	8	4000	Cu	1	-	1	*
Howden	1031.9	-1	ENE	3	b	61	55	8	4000	Cu.	1	Ci.St	3	*
Spurn Head	1031.7	+2	NE	4	b	55	92	8	-	-	-	Ci	2	*
Nottingham	1030.2	*	E-	4	b+	64	55	6	4000	Cu	2	-	2	*
Cranwell	1030.6	0	ENE	4	b	62	55	8	4000	Cu	1	Ci	2	*
Gorleston	1029.1	+1	NE	3	b+	56	75	8	-	-	-	Ci.Cu	3	*
Pulham	1030.0	+2	ENE	4	b	62	55	8	-	-	-	Ci.Cu	1	*
Felixstowe	1029.1	0	NE	4	b	56	65	8	-	-	-	Ci	1	*
Valencia (Cahirciveen)	1026.7	-1	W	1	bc-	58	85	7	1500	St	4	-	4	*
Roches Point	1028.0	+1	ESE	4	b	58	85	7	-	-	-	Ci.St	2	*
Pembroke (St.Ann's H.)	~~1022.9~~	+1	E	2	b	58	85	8	-	-	-	-	0	*
Ross-on-Wye	1027.4	0	E	5	b	64	45	8	5750	Cu	1	-	1	*
Benson...	1027.5	-1	E	2	bc	66	45	7	-	Cu	4	-	4	*
S. Farnborough ...	1027.3	+1	ENE	5	b+	65	45	8	4000	Cu	3	-	3	*
London	1027.5	-1	ENE	5	b+	64	45	8	5750	Cu	1	-	1	*
Croydon	1027.2	+2	E	5	bv	63	~~45~~ 53	9	4000	Cu	2	A.Cu	3	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1028.6	+1	NE	4	b	57	65	7	4000	St.Cu	2	-	2	*
Grain	1028.7	+1	ENE	5	b+	55	75	8	-	-	-	A.St	1	*
Lympne	1026.5	0	ENE	5	b	59	65	8	-	-	-	A.St	1	*
Scilly (St. Mary's) ...	1024.6	+2	E	3	b-	61	92	8	-	-	-	Ci	2	*
Falmouth	1025.2	+1	ENE	5	f/f b	61	55	7	-	-	-	-	0	*
Plymouth	1025.3	+2	E	4	b	63	55	8	-	-	-	-	0	*
Portland Bill	1026.6	+4	NE	5	b	59	85	8	-	-	-	-	0	*
Calshot	1026.2	0	SE	4	bc+	60	~~85~~	8	4000	Cu	5	-	5	*
Dungeness	1026.1	0	E	5	b	57	75	8	4000	Cu	1	-	1	*
Jersey	1022.2	0	ENE	5	b	64	65	8	-	-	-	-	0	*

Observations at 1800 G.M.T. 29th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1035.5	-1	N	2	c/f b	46	97	2	-	-	-	-	0	1
Stornoway	1033.7	+1	SE	1	b	62	45	8	-	-	-	-	0	0
Wick	1034.9	0	ESE	1	b	49	92	8	-	-	-	-	0	0
Castlebay	1033.3	0	E	3	c	58	65	7	-	-	-	Ci.St	6	2
Nairn	1032.3	*	-	0	bc	56	*	*	*	*	*	*	*	*
Aberdeen	1035.5	0	ESE	1	b	53	75	8	-	-	-	-	0	0
Malin Head	1031.0	0	ESE	2	b	53	97	7	-	-	-	Ci	3	0
Renfrew	1033.1	0	NE	3	b	59	55	8	-	-	-	-	0	*
Leith	1034.3	*	E	3	b	53	65	8	-	-	-	-	-	5
Eskdalemuir	1033.2	0	E	3	b	58	45	8	-	-	-	-	0	*
Tynemouth	1034.0	0	NNE	1	b	52	85	8	-	-	-	-	0	*
Blacksod Point ...	1027.3	0	-	0	b	67	75	8	-	-	-	-	0	0
Donaghadee	1031.5	0	E	1	b	55	75	8	-	-	-	-	0	0
Birr Castle	1028.2	*	SE	1	b-	65	65	7	-	-	-	Ci.Cu	3	*
Baldonnell	1030.2	+1	ENE	3	f b	58	75	5	-	-	-	-	0	*
Holyhead	1029.3	+1	ENE	5	b	58	75	7	-	-	-	-	0	4
Liverpool (Bidston) ...	1029.7	+1	E	3	b	62	45	6	-	-	-	-	0	3
Manchester (Alex.Pk.)	1030.9	+2	ENE	4	b	60	55	8	-	-	-	-	0	*
Howden	1031.8	0	ENE	2	b	57	55	9	-	-	-	-	0	*
Spurn Head	1031.1	0	N	4	b	52	85	8	-	-	-	-	0	2
Nottingham	1030.5	*	E	3	b	59	55	6	-	-	-	-	0	*
Cranwell	1030.8	0	ENE	3	b-	58	55	8	-	-	-	A.St	1	*
Gorleston	1027.8	-2	NNE	4	b	53	65	8	-	-	-	Ci.Cu	2	3
Pulham	1028.8	-1	NE	4	b	58	45	8	-	-	-	Ci.St	1	*
Felixstowe	1028.3	-1	N	4	b	57	45	9	-	-	-	Ci	1	3
Valencia (Cahirciveen)	1027.9	+2	WNW	2	bc/f b	57	75	8	4000	Cu	1	-	1	1
Roches Point	1028.6	+1	ESE	3	b	59	75	7	-	-	-	Ci	3	3
Pembroke (St.Ann's H.)	1027.6	0	N	1	b	61	65	8	-	-	-	-	0	1
Ross-on-Wye	1027.5	+1	ENE	4	b	62	55	8	4000	St.Cu	1	-	1	*
Benson...	1027.6	0	NE	3	b+	63	45	8	-	Cu	1	-	1	*
S. Farnborough ...	1027.2	0	ENE	3	b	62	55	8	-	-	-	-	0	*
London	1027.8	+1	NE	4	b	63	45	9	-	-	-	Ci	1	*
Croydon	1027.4	0	E	5	bv	59	55	9	-	-	-	Ci.St	1	*
Clacton-on-Sea ...	1027.9	0	NE	4	bc	58	55	8	-	-	-	Ci	4	0
Shoeburyness	1028.2	-1	NE	4	b	55	65	8	-	-	-	Ci	1	*
Grain	1028.1	0	ENE	4	b	54	75	8	-	-	-	Ci	1	3
Lympne	1026.3	0	NE	6	b	53	65	9	-	-	-	Ci.St	1	*
Scilly (St. Mary's) ...	1024.8	0	E	4	b	56	97	8	-	-	-	-	0	6
Falmouth	1026.0	+1	E	4	b	59	45	8	-	-	-	-	0	*
Plymouth	1026.2	0	E	2	b	61	55	8	-	-	-	-	0	*
Portland Bill	1026.6	0	NE	5	b	57	92	8	-	-	-	-	0	4
Calshot	1026.7	+1	E	4	b	60	55	8	-	-	-	-	0	3
Dungeness	1026.0	-1	E	4	b+	55	65	9	-	-	-	Ci	2	4
Jersey	1023.0	0	ENE	5	b	61	65	8	-	-	-	-	0	6

LONDON OBSERVATIONS.

24 HOURS ENDED 0900 G.M.T. 30th

	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. hrs. (Yesterday)	Humidity. 15h. G.M.T. % (Yesterday)	Humidity. 9h. G.M.T. % (To-day)
Kew .. } 24 hours ended 0700	b or bc	b or bc	c	*	*	36	-	13.6	*	*
Croydon } 24 hours ended 0700	b or bc	b or bc	b or bc	*	*	31	-	*	*	*
Greenwich (Royal Obsy.) ..	b	b	b	66	43	35	-	13.6	44	71
City (Bunhill Row)	*	*	*	*	*	*	*	12.9	*	*
Westminster (St. James' Pk.)	*	*	*	67	46	41		13.4	48	70
Regents Pk. (Botanical Gdns.)	*	*	*	*	*	*	*	13.0	*	*
Camden Sq. (Brit. Rainfall)..	b	b	*	70	44	40	-	*	42	70
Kensington Palace	b	b	*	68	44	38	-	*	47 (18h)	73
Hampstead Observatory ..	bcv	b	bcv	64	43	39	-	13.3	*	65

ATMOSPHERIC POLLUTION.

Lbs. of Solid impurity per million cubic yards.

24 HR. ended 1600 G.M.T. 29th

South Kensington

Max.	Time.	Min.	Time.
1	1900 23rd	< ½	2200 28th
1	0900 29th		

Kew Observatory

Max.	Time.	Min.	Time.
½	2000 28th	< ½	0300 29th
1	0800 29th		

SOLAR RADIATION.

Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ...211... joules

Average Rate ...40.1... Milliwatts.

Maximum Rate ...80... Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 29th 20 h 30 m. to 30th 03 h 30 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	7.0	7.0	100
δ Ursae Minoris	7.0	7.0	100

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

30th APRIL & 1st MAY 1921.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth ..	4.26	11.50	7.13
	4.24	11.50	7.16
Greenwich ..	4.37	11.57	7.17
	4.34	11.57	7.20
Wick	4.23	12.9	7.54
	4.20	12.9	7.58
Valencia ..	5.16	12.38	7.59
	5.13	12.38	8.2

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, *i.e.*, rain and snow together.
s snow. t thunder.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
$r_o r_o$ = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.	Metres per second.
0	Less than 1.	Less than 0.3
1	1- 3	0.3- 1.5
2	4- 7	1.6- 3.3
3	8-12	3.4- 5.4
4	13-18	5.5- 7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.5
12	Above 75	33.6 or above

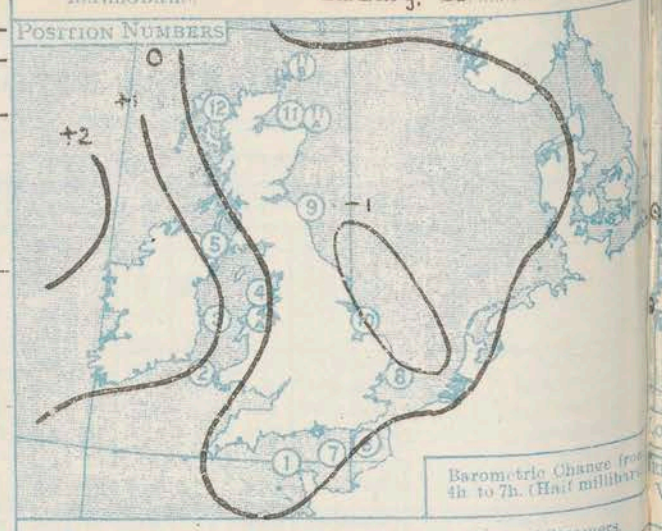
* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 8.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 29th	13h.-18h. 29th	18h 29th to 1h 30th	1h.-7h. 30th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	SUN. Hours.
Lerwick	b or bc	f or m	F	F	62	40	*	-	0·3	-	*
Stornoway	b or bc	b or bc	b or bc	b or bc	66	42	*	-	-	-	13·3
Wick	F	b or bc	b or bc	b or bc	51	34	*	-	-	-	*
Castlebay	c	c	b or bc		60	49	*	-	-	-	4·8
Nairn	bq	b bc	bex. bc		61	34	*	-	-	*	13·8
Aberdeen	b or bc	b or bc	b or bc		60	40	31	-	-	-	11·5
Malin Head	b or bc	b or bc	b or bc	b or bc	56	46	*	-	-	-	9·8
Renfrew	b or bc	b or bc	b or bc	b or bc	63	34	24	-	-	-	11·8
Leith	b or bc	b or bc	f or m		55	39	35	-	-	-	*
Eskdalemuir	b or bc	b or bc	b or bc	b or bc	~~58~~ 63	42	32	-	-	-	12·0
Tynemouth	b or bc	b or bc	b or bc	b or bc	57	46	*	-	-	-	*
Blacksod Point ...	b or bc	b or bc	b or bc	b or bc	68	44	*	-	-	-	*
Donaghadee	b or bc	b or bc	b or bc		58	46	*	-	-	-	*
Birr Castle	c	b or bc	b or bc		68	38	31	-	-	-	12·1
Baldonnell	b or bc	f or m	f or m	f or m	60	35	29	-	-	-	11·0
Holyhead	b or bc	b or bc	b or bc	b or bc	62	46	41	-	-	-	13·4
Liverpool (Bidston) ...	b or bc	b or bc	b or bc		65	45	36	-	-	-	12·6
Manchester (Alex.Pk.)	b or bc	b or bc	c		66	44	35	-	-	-	*
Howden	b or bc	b or bc	c	c	63	39	34	-	-	-	13·7
Spurn Head	b or bc	b or bc	b or bc	b or bc	51	45	45	-	-	-	*
Nottingham	b or bc	b or bc	b or bc		64	47	41	-	-	-	13·7
Cranwell	b or bc	b or bc	b or bc	b or bc	63	41	37	-	TRACE	~2400	13·6
Gorleston	b or bc	b or bc	b or bc	b or bc	56	45	43	-	-	-	13·8
Pulham	b or bc	b or bc	b or bc	b or bc	62	42	35	-	-	-	13·8
Felixstowe	b or bc	b or bc	b or bc	b or bc	59	44	*	-	-	-	13·7
Valencia (Cahirciveen)	b or bc	tlr	b or bc	b or bc	57	46	*	0·5	-	1430	7·7
Roches Point	b or bc	b or bc	b or bc		62	48	*	-	-	-	*
Pembroke (St.Ann's H.)	b or bc	b or bc	b or bc	b or bc	63	47	*	-	-	-	13·0
Ross-on-Wye	b or bc	b or bc	b or bc		65	41	30	-	-	-	13·1
Benson...	b or bc	b or bc	b or bc		67	40	33	-	-	-	*
S. Farnborough ...	b or bc	b or bc	b or bc		67	38	33	-	-	-	13·6
London	b or bc	b or bc	c		65	44	36	-	-	-	13·6
Croydon	b or bc	b or bc	b or bc	c	65	39	31	-	-	-	*
Clacton-on-Sea ...	*	b or bc	b or bc		59	45	42	-	-	-	13·3
Shoeburyness	b or bc	b or bc	b or bc		61	47	38	-	-	-	13·1
Grain	b or bc	b or bc	b or bc		57	46	35	-	-	-	13·5
Lympne	b or bc	b or bc	b or bc	b or bc	60	43	41	-	-	-	13·8
Scilly (St. Mary's) ...	b or bc	b or bc	b or bc	b or bc	64	48	*	-	-	-	12·1
Falmouth	f or m	b or bc	b or bc	b or bc	62	45	38	-	-	-	12·7
Plymouth	b or bc	b or bc	b or bc		63	49	34	-	-	-	13·7
Portland Bill	b or bc	b or bc	b or bc	b or bc	58	50	*	-	-	-	*
Calshot	b or bc	b or bc	b or bc	b or bc	64	46	40	-	-	-	13·5
Dungeness	b or bc	b or bc	b or bc	b or bc	58	45	*	-	-	-	*
Jersey	b or bc	b or bc	b or bc		65	48	*	-	-	-	12·8

ISALLOBARS. Saturday, 30th APRIL 1921.

POSITION NUMBERS



Temperature reported from Cross Channel and Coastal Steamers.

Position Number	NA	3	1
Date	29th	29th	29th
Time G.M.T.	0300	1015	1259
Sea °F.	48	48	51
Air °F	48	51	52

GENERAL INFERENCE.

The large anticyclone North of the British Isles will maintain Easterly to North-Easterly winds and fair to fine but rather colder weather for at least 24 hours over Eastern England and for several days elsewhere.

Districts. Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 30th April, 1921.

1. S.E. England
2. E. England
3. E. Midlands
4. W. Midlands
5. S.W. England
6. South Wales
7. North Wales
8. N.W. England
9. N. Midlands
10. N.E. England

Moderate to fresh North-Easterly winds, strong locally; fine; visibility good; rather colder than of late.

11. E. Scotland
12. S.W. Scotland
13. Isle of Man
14. N.&N.W. Scotland

Light to moderate North or North-east breezes; fine; visibility fair to good; rather colder than of late.

15. Hebrides

Light Easterly breezes; fine; visibility fair to good; moderate temperature.

16. Orkneys and Shetlands

Same as 11 - 14.

17. N.W. Ireland
18. N.E. Ireland
19. S.E. Ireland
20. S.W. Ireland

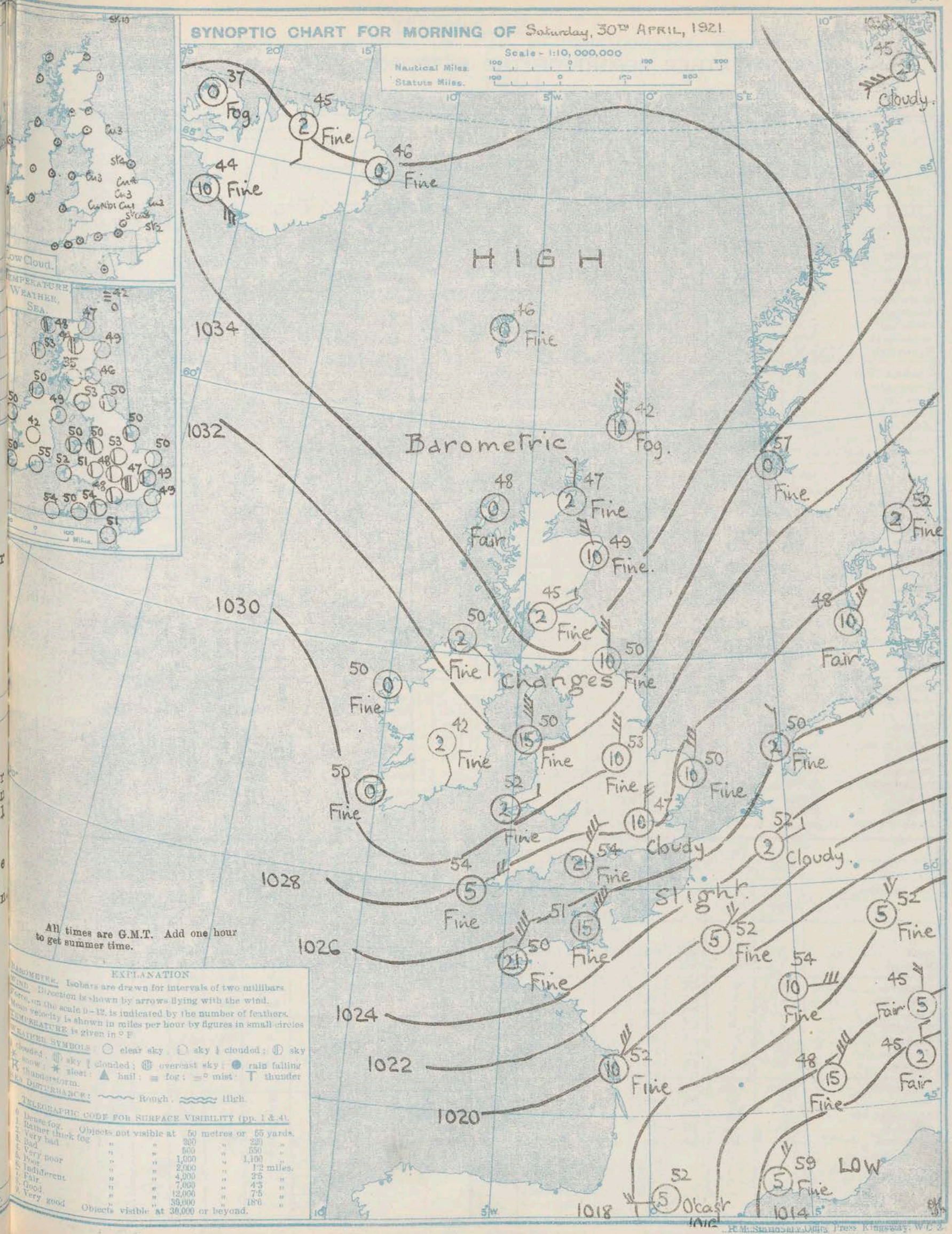
Same as 15.

E.V.N

Further Outlook.

Fair to fine and rather colder with Easterly winds for several days except possibly over Eastern England where the further outlook is uncertain.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.00 G. C. SIMPSON, F.R.S., Director.



H.M. Stationery Office Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION... SATURDAY, 30th APRIL ....1921. No. 120.

Observations at 0100 G.M.T. 30th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1036·5	0	N	1	ff0	43	97	1	250	Nb	10	-	10	*
Stornoway	1036·1	+2	NE	1	b	*	*	7	*	*	*	*	*	*
Wick	1035·1	0	WSW	1	b	40	92	9	-	-	-	-	-	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1032·5	+1	ESE	2	b	52	85	7	-	-	-	Ci	1	*
38 Renfrew	1035·5	0	-	0	b	~~35~~	85	6	-	-	-	-	-	*
Leith	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	1035·2	0	N	2	b	43	85	7	-	-	-	-	-	*
Tynemouth	1033·4	-2	NW	3	b	46	75	8	-	-	-	-	-	*
Blacksod Point ...	1030·3	0	-	0	b	51	85	8	-	-	-	-	-	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1032·0	+1	-	0	fb+	43	92	2	-	-	-	-	-	*
Holyhead	1031·2	+1	E	5	b	*	*	7	-	-	-	-	-	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Manchester (Alex.Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Howden	1031·8	-1	NNW	1	c	45	92	7	4000	St-Cu	4	Ci	8	*
Spurn Head	1029·9	-1	NNE	6	bc	48	85	8	5750	Cu	4	-	4	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
47 Cranwell	1030·6	0	N	4	pr0	~~52~~	75	7	2500	Nb	5	-	5	*
Gorleston	1027·7	0	N	4	b	47	85	8	-	-	-	-	-	*
Pulham	1028·3	-1	N	2	b	45	92	7	-	-	-	-	-	*
Felixstowe	1027·7	0	N	3	b	45	92	8	-	-	-	-	-	*
Valencia (Cahirciveen)	1029·7	+1	-	0	b	51	*	8	-	-	-	Ci	2	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1030·0	0	E	3	b	52	85	8	-	-	-	-	-	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London	1027·9	0	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1028·3	-1	N	2	b	45	75	7	-	-	-	-	-	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1026·1	0	NE	5	b	46	92	9	-	-	-	-	-	*
Scilly (St. Mary's) ...	1027·4	+1	E	2	b	52	97	8	-	-	-	-	-	*
Falmouth	1027·8	+1	NE	3	b	52	75	8	-	-	-	-	-	*
Plymouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1027·3	+1	NE	5	b	57	92	8	-	-	-	-	-	*
Calshot	1027·6	-1	NNE	4	b	50	65	8	-	-	-	-	-	*
Dungeness	1026·2	0	NE	3	b	48	85	9	-	-	-	-	-	*
Jersey (Guernsey 1h.)	1026·2	+2	ENE	5	b	53	75	8	-	-	-	-	-	*

Observations at 0700 G.M.T. 30th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1035·0	0	N	3	fo+	42	97	0	-	~~St~~ Nb	10	-	10	1
Stornoway	1035·3	0	-	0	bc	48	75	8	~~5750~~	-	-	A.St	4	0
Wick	1034·9	0	N	1	b	47	85	8	-	-	-	-	-	0
Castlebay	1034·8	0	-	0	b	53	75	5	-	-	-	A.St	2	0
Nairn	1034·9	*	*	0	bc	44	*	*	*	*	*	*	*	0
Aberdeen	1034·9	0	NW	3	b	49	65	8	*	*	*	*	*	0
Malin Head	1033·3	0	ESE	1	b	50	97	7	-	-	-	Ci	1	0
Renfrew	1035·1	0	~~ENE~~	+0	b	45	75	5	-	-	-	-	-	*
Leith	1034·8	0	-	0	b	46	75	5	-	-	-	-	-	3
Eskdalemuir	1034·0	0	NNW	1	b	53	55	8	-	-	-	-	-	*
Tynemouth	1032·6	-1	N	3	b+	50	65	7	5750	Cu	3	-	3	1
Blacksod Point ...	1030·9	+2	-	0	b	50	92	7	-	-	-	-	-	0
Donaghadee	1033·7	+1	N	2	b	49	85	8	-	-	-	-	-	1
Birr Castle	1031·6	*	SE	1	b	42	97	6	-	-	-	-	-	*
Baldonnell	1032·8	+1	-	0	b	47	92	6	-	-	-	-	-	*
Holyhead	1032·0	+1	N	4	b	50	92	8	-	-	-	A Cu	1	4
Liverpool (Bidston) ...	1031·6	0	NW	1	cv	50	75	9	2500	Cu	3	Ci Cu	6	1
Manchester (Alex.Pk.)	1030·7	0	ENE	2	c	55	65	8	2500	Cu Nb	4	A Cu	6	*
Howden	1031·0	0	N	4	c	50	85	6	4000	St	4	A.St	6	*
Spurn Head	1029·1	0	NNE	6	b	50	85	8	-	-	-	A Cu	2	2
Nottingham	1030·1	*	NNE	3	b+	53	75	5	4000	Cu	3	-	3	*
47 Cranwell	1030·0	0	N	4	bc	~~42~~	85	6	4000	Cu	4	Ci St	6	*
Gorleston	1026·6	-1	N	3	b	50	85	7	-	-	-	-	-	1
Pulham	1027·6	0	NNE	2	b+	50	85	7	4000	St-Cu	3	-	3	*
Felixstowe	1027·2	0	N	4	b	51	85	8	-	-	-	-	-	2
Valencia (Cahirciveen)	1030·8	+1	-	0	b	50	75	8	-	-	-	Ci.	1	1
Roches Point	1031·1	+1	-	0	b	55	85	7	-	-	-	-	-	0
Pembroke (St. Ann's H.)	1030·4	+1	ENE	1	b	52	65	9	-	-	-	-	-	1
Ross-on-Wye	1029·7	0	NNE	3	b	51	65	8	4000	Cu Nb	1	-	1	*
Benson	1028·7	+1	NNE	3	b	48	85	7	-	Cu	1	Ci	1	*
S. Farnborough ...	1027·8	+1	NNW	3	b+	48	85	8	-	-	-	A.Cu	2	*
London	1028·1	0	N	3	c	47	85	6	2500	St Cu	8	-	8	*
Croydon	1028·0	+1	NNE	3	o	46	92	6	950	St	10	-	10	*
Clacton-on-Sea ...	1026·8	+1	N	3	b	49	92	8	4000	Cu	2	-	2	0
Shoeburyness	1027·1	0	NNE	2	b	51	75	7	-	-	-	-	-	*
Grain	1027·4	0	NNE	2	b	50	85	7	5750	St Cu	1	-	1	0
Lympne	1025·5	0	NNE	6	b+	48	92	7	800	St	2	Cu St	3	*
Scilly (St. Mary's) ...	1027·8	0	ENE	2	b	54	97	7	-	-	-	-	-	4
Falmouth	1027·8	0	N	1	b	50	75	8	-	-	-	-	-	*
Plymouth	1027·3	0	NNE	3	b	53	65	8	-	-	-	Ci St	1	*
Portland Bill	1027·3	0	NE	5	b	54	92	8	-	-	-	Ci	1	4
Calshot	1027·2	0	NNW	3	b+	49	75	8	-	-	-	Ci	3	1
Dungeness	1025·3	-1	NNE	3	b	49	92	8	-	-	-	-	-	4
Jersey (Guernsey 1h.)	1025·0	0	NE	4	b	51	75	8	-	-	-	-	-	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 29th APRIL

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 28th-29th mm.	Rainfall.† Day 9h.-18h 29th mm.	Sunshine. Sunrise to 17h. 29th hr.	Sunshine. Sunrise to Sunset. 28th hr.
Banff	b	b	63	42	-	-	10·3	11·7
Montrose	b	b	53	32	-	-	11·8	8·7
Llandudno	b	b	66	45	-	-	11·6	9·2
Colwyn Bay ...	b	b	66	42	-	-	10·5	10·2
Rhyl	bc b	b	67	42	-	-	11·7	8·2
Southport	b	b	67	42	-	-	11·7	8·8
Blackpool	?	?	65	43	-	-	11·8	8·9
Harrogate	b	b	61	39	-	-	11·0	2·5
Skegness	bv	vb	67	48	-	-	11·6	8·6
Aberystwyth ...	c b b	b bc	68	48	-	-	12·0	10·0
Bath	b	b	68	45	-	-	11·1	8·0
Leamington Spa ...	b	bc	66	40	-	-	10·3	5·3
Lowestoft	b	b	55	48	-	-	12·0	11·0
Felixstowe	b	b	59	49	-	-	12·1	13·0
Southend								

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Max. °F.	Temperature. Min. °F.	Rainfall.† Night 18h.-9h. 28th-29th mm.	Rainfall.† Day 9h.-18h 29th mm.	Sunshine. Sunrise to 17h. 29th hr.	Sunshine. Sunrise to Sunset. 28th hr.
Ilfracombe	b	b	64	49	4	-	11·6	9·0
Bude	b	b	68	49	-	-	11·0	10·5
Penzance	b	b	64	49	-	-	10·9	9·0
Torquay	b	by	63	51	-	-	11·7	11·4
Weymouth	bv	bv	66	47	-	-	11·2	10·0
Bournemouth ...	b	b	66	44	-	-	11·5	11·0
Portsmouth (S'thsea)	*	*	69	47	-	-	11·6	10·9
Worthing	b	b	67	49	-	-	11·8	8·7
Brighton	b	b	69	49	-	-	11·4	10·4
Eastbourne	b	b	62	47	-	-	11·7	11·1
Hastings	b	b	64	49	-	-	12·0	12·6
Folkestone	b	b	68	50	-	-	11·1	10·9
Tunbridge Wells ...	b	b	64	43	-	-	11·5	11·0
Ramsgate	b	b	55	48	-	-	11·7	12·5
Margate	b	b	55	49	-	-	11·4	12·4

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION. CORRECTIONS AND ADDITIONS, *April*, 1921.

I.—CORRECTIONS.

Report for	STATION.	CORRECTION.
	-	For No. 21679 read 21.680
	Cranwell	31st March. 18h. humidity 92%
	Lympne	1st 1h. humidity 97
	Cranwell	1st 7h. Wind W.
	Colwyn Bay	Sun to 17h 31st march 0·2h.
	Aberystwyth	" " " " " 9.2h.
	Howden	Grass min. 29°
	Gorleston	min. temp 40°
	Ross-on-Wye	max. temp 64°
	Tynemouth	1st 13h. Temp 63°
	Croydon	" " Visibility 5
	Grain	" " Temp 54°
	Calshot	1st 18h. Cloud + Ci. 5.
	Botanical Gdns.	Sunshine 6·4h.
	Holyhead	2ND 1h. Weather bc/f
	Baldonnel	2ND 7h. Cloud Height 1500'
	Donaghadee	max. Temp 56°
	Baldonnel	Grass min 37°
	Plymouth	min. temp 38°
	Calshot	Grass min 32°: Sun 10·2h
	Renfrew 2ND	Low cloud amnt. 10
	Baldonnel	2ND 13h Cloud height 2500
	Howden	Sunshine. 9·4h
	Plymouth	min. temp 43°
	Renfrew	3rd 13h. Weather "0" Cloud height 2500'
	Felixstowe	3rd 13h Bar. 1014.6 mb
	Cranwell	3rd 18h. wind force 3
	Grain	" " Temp 54°
	Falmouth	" " Bar. change +1
	Plymouth	" " Temp 50°
	Croydon	4th 7h. Bar. 1021·3 mb.
	Lympne	" " 1019.2 mb.
	Plymouth	" " Temp. 43°
	Aberystwyth	Sunrise to 7h 5.0h.
	Felixstowe	min. temp 42°
	Howden	Sun. 6·3h.
	Castlebay	4th 13h. Bar. 1020.0 mb.
	Blacksod	" " 1024.3 mb Temp 50°
	London	" " Low cld. Cu.
	Grain	" " Wind NNW.
	Plymouth	" " Cloud height 3000'
	Calshot	" " Bar. 1023.9 mb.
	Spurn Head	" 18h " 1022.0 mb.
	London	" " Temp 55°
	Lympne	" " Wind NE
	Botanical Gdns	Sunshine 7·7h.
	Croydon	5th 7h. Humidity 85%
	Aberystwyth	Sunshine for 3rd 7.0h.
	Malin Head	min. temp 45°
	Tynemouth	Rainfall day. nil.
	Howden	max. temp 54°
	Felixstowe	Sun. 9·5h.
	Lympne	" 10.0h.
	Calshot	max. temp 55°: min. temp 35°
6th	Cranwell	Grass min 30° Sun 11.0h.
	Lympne	5th 13h. Bar. 1023·4 mb.
	Botanical Gdns.	5th 18h. Visibility 6
	Falmouth	Sunshine 3.0h.
	London	6th 1h. Bar. change −1
	Grain	" 7h. Visibility 6
	Falmouth	" " Bar. 1026·8 mb.
		" " Weather. bc: Hum. 97 Visibility 7.
	Calshot	" " Low cld amt. 9: total 9.
	Llandudno	Rain day 2mm.
	Rhyl	" night nil.
	Margate	Sunshine 4th 10.9h.
	Castlebay	Rain day nil.
	Renfrew	" " 0.2
	Felixstowe	min. temp 45°
	Calshot	Sunshine 8.0h.
7th	Manchester	6th 13h weather "CO" Low cloud St. 2.
	Felixstowe	" " Bar. 1028·9 mb.
	Kew Obs.	" " cloud total 4
	London	" " Bar. change. 0
	Calshot	" " Low cloud Cu. 6.
	Kensington Pal.	max. temp 59°
	Nairn	7th 7h. Temp 47°

Report for	STATION.	CORRECTION.
7th (cont'd)	Plymouth	7th 7h. Cloud height 2500'
	Felixstowe	Sun. 8·7h.
	Falmouth	" 1.0h.
	Jersey	" 9.0h.
8th	Lerwick	7th 13h. Bar. 1035·7 mb. Cloud total 10
	Wick	" " Bar. 1034·4 mb. wind ESE.
	Kew Obs.	" " Cloud Total 7
	Botanical Gdns	Sunshine 9.9h.
	Eastbourne	Sunshine 6th 4.0h.
	Hillsborough	max. temp 54°
	Margate	Sunshine 6th 5.2h.
	Stornoway	max. temp 55°
	Baldonnel	Grass min. 26°
	Howden	Sun. 11.2h
	Valencia	min. temp 43°
	Ross-on-Wye	" " 35°
	London	" " 37°
9th	Aberdeen	8th 13h. 1038.5 mb.
	Croydon	" " Temp 53°: Humidity 55°
	Baldonnel	" 18h. Omit high cld. (Ci. Cu.)
	Falmouth	" " Wind ENE
	Calshot	" " Weather "bc"
	Botanical Gdns.	Sunshine 9.7h.
	Malin Hd.	9th 7h. Bar. 1035·2 mb.
	Baldonnel	" " Temp 40°
	Falmouth	" " Cloud total 1.
	Calshot	" " Bar. change −4
	Aberdeen	max. temp 52°
	Donaghadee	" " 50°
	Felixstowe	Omit Grass min 34°: Rain night 2mm: Sun 11.2h.
	Falmouth	Rain day. 1mm
	Calshot	Past. weather 1h - 7h 9th "C" Sunshine 11.4h.
10th	Jersey	9th 13h. Wind NNE. 5.
	Baldonnel	" 18h. wind force 4: temp 47°
	London	" " Low cloud St. Cu
	Kensington Pal.	min temp 42°
	Baldonnel	10th 1h. Bar change −2.
	Cranwell	" " wind force 4: Humidity 97%
	Calshot	" " Humidity 92%: Vis 8.
	Nairn	" 7h. weather "c8m": temp 43°
	Malin Hd.	" " Bar. 1028·4 mb.
	Birr Castle	" " Wind NE.
	Llandudno	Rain day. 2mm
	Blackpool	" " 0.2mm.
	Harrogate	" " 7mm
	Skegness	" " 0.2m. Rain night 0.4m
	Bath	" " 0.3mm
	Leamington Spa	" " 3mm.
	Cowes St. Pt.	" " 1m
	Felixstowe	" " 1m " " 2m
	Southend	" " 0.2m " " 1m
	Ilfracombe	" " 1m
	Bude	" " 1m
	Torquay	" " 3m
	Weymouth	" " 1m
	Brighton	" " 1m
	Eastbourne	" " 0.3m " " 1m
	Eskdalemuir	min. temp 40°
	Baldonnel	max. temp 50°
	Felixstowe	" " 49°: min temp 46° Sunshine 4·8mm
	Ross-on-Wye	max. temp 48°
	Croydon	pptn. began 07.30
	Falmouth	Rain day nil: Rain night 1m
11th	Blacksod Pt.	10th 13h wind NE
	Renfrew	10th 18h. " ENE: temp 58 Vis. 7
	Cranwell	" " cloud height 2500'
	Falmouth	" " Low cloud amnt 8.
	Kensington Palace	weather morning b: max " afternoon b: temp 67°
	Cranwell	11th 1h Vis 7
	Felixstowe	" " upper cloud Ci. St. 8.
	Baldonnel	11th 7h. weather "CO": cloud 1½ Low cloud. St. Cu 9: cloud total 10.

Report for	STATION.	CORRECTION.
11th (cont'd)	Llandudno	Rain night nil
	Blacksod Pt.	max. temp 53°: min 47°
	Pembroke	Sunshine 4·4h
	Calshot	Grass min 45°
12th	-	For No. 21.692 read 21691.
	Manchester	11th 13h Bar 1025·0 mb
	Howden	" " Wind N.
	Calshot	" " Humidity 65%.
	Eskdalemuir	" 18h. Bar. change −2
	Falmouth	" " Low cld. amnt 3: high cloud Ci. Cu.
	Botanical Gdns.	Sunshine 4.1h.
	Stornoway.	12th 1h. Bar. 1024.5 mb.
	Gorleston	" 7h. " 1022.0 mb.
	Felixstowe	Sunshine 7.0h.
13th	-	For No 21693 read 21692
	Manchester	12th 13h Temp 63°: Humidity 55%. Visib. 6.
	Tynemouth	12th 18h Temp 63°. Humidity 35%
	Jersey	12th 18h Wind WNW
	Baldonnel	13th 1h. Humidity 85%
	Cranwell	13th 7h. Omit low cloud: Cloud total 3.
	Plymouth	" " Temp 45°
	Ilfracombe	Sunrise to 17h. 12th: 10.1h.
	Bude	max. temp 53°
	Margate	Sunshine 11th 7.5h.
	Howden	Sunshine 6.6h.
	Felixstowe	" 12.1h.
	Calshot	Grass min 33°
14th	Falmouth	13th 13h Weather b
	Dungeness	" " Bar. 1016 mb.
	Renfrew.	13th 18h. Bar. 1005.9 mb. Wind W: Humidity 77%
	Manchester	" " Wind W force 5. weather "pr" Temp 47°
	Cranwell	" " Temp 50°
	"	14th 1h. Vis. 6.
	Manchester	" 7h " 5
	Felixstowe	" " Bar. 1002.3
	Portland	" " Bar 1008.0 mb.
	Dungeness	" 7h. Cloud ht 450: St. 10 total 10
	Aberystwyth	Sunshine 12th 11.7h
	Bude	max. temp 53°
	Blacksod Pt.	Rain day. 0·6
	Donaghadee	" night 3mm.
	Howden	Sunshine 0.0h.
	Gorleston	max. temp 69°
	Felixstowe	pptn. began 01.00: Sun 9.5h.
	Falmouth	Rain day -: Rain night 2mm
	Calshot	Grass min 45°
	Dungeness	max. temp 54°
15th	Renfrew.	14th 13h. Cloud total 7
	Blacksod.	" " Temp 45°
	Felixstowe	" " Humidity 55%.
	Croydon	" " Total cld amt 7.
	Lympne	" " Humidity 65%
	Portland. B.	" " Bar. 1008·8 mb.
	Calshot.	" " Low cloud amnt 7.
	Gorleston	" 18h. Temp 45°
	Portland. B.	" " Bar. 1008.0 mb.
	Camden Sq.	max. temp. incorrect: leave blank.
	Kensington P.	" " 51°
	Baldonnel	15th 1h. wind WSW.
	Portland Bill	" " Bar. 1008·8 mb
	Blacksod Pt.	" 7h " change +2.
	Baldonnel.	" " Bar. 1013·8
	Manchester	" " " change −1. Weather bc+
	Felixstowe	" " Bar. 1006.6 mb.
	Portland Bill	" " " 1007.5 mb.
	Calshot	" " Low cloud. St. Cu.
	Aberystwyth	Sunrise 15 to 17h: 7.7h.
	Eastbourne	Sunshine 13th: 10.6h
	Nottingham	Rain day. 1mm. night nil.
	Cranwell.	Sun 8·7h.
	Anthorn.	max. temp 50°
	Calshot	Sun 7.8

‡ The barometric change is expressed in half millibars.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. CORRECTIONS AND ADDITIONS, *April*, 1921.

I.—CORRECTIONS. (*continued*)

Report for	STATION.	CORRECTION.
16th	Malin Hd.	15th 13h. Bar. 1012.9mb.
	Renfrew	" " wind force 3.
		weather "C": Low cld St. Cu.
	Lympne	" " Bar. 1005.5
	Falmouth.	" " Low Cld. amt 5: totals
	Calshot.	" " " " Cu.
	Renfrew.	" 18h. Cld Ht. 4000
	Baldonnel.	" " Low cloud St. Cu 6,
	Howden	" " Ht. of low cloud 2500.
		Cloud: St. 5: A. St. 9.
	Croydon	" " weather SoS.
	Calshot.	" " Temp 37°
	Regents. Pk.	Sunshine 7.2h.
	Lerwick	16th 7h. Bar. 998.1mb.
	Renfrew	" " weather CO-
	Howden	" " wind NNW.
	Aberystwyth.	Sunshine 14th 8.7h.
	Worthing	Rain day 1mm.
	Aberdeen	Past weather 15th 7h-13h. S or RS.
	Falmouth	Rain day 1mm: night 1mm.
	Plymouth.	" " 2mm.
	Calshot.	Grass min. 30°: Rain day nil
17th	Falmouth.	16th 13h. weather "6c"
	Calshot	" " Low cld amt 8.
	Leith.	" 18h. Bar 999.7mb.
	Donaghadee	" " wind SW.
	Roches Pt.	" " Cloud Nb. 8.
	Falmouth	" " Cu 6
	Calshot	" " Sea 0
	Felixstowe	17th 1h. wind force 3
	Lympne	" " Bar. 1004.3mb.
	Calshot	" " visibility 8.
	Felixstowe	" 7h. wind SSE.
	Eastbourne	Sunshine 15th 8.6h
	Renfrew	Rain day 0.1h
	Leith	Rain night 2mm.
	Blacksod	" day nil: Rain night 4mm
	Baldonnel.	Past weather 13h - 18h 16th "P": min. temp 34°
	Holyhead.	Sunshine 4.6h.
	Nottingham	Rain day 2mm: night —
	London.	Rain night 2mm.
	Lympne	min. temp. 33°
	Falmouth.	" " 41: Grass 39°
		Rain day nil
18th	Eskdalemuir	17th 13h. Bar. 997.0mb.
	Cranwell	" " " 995.3 "
	Felixstowe	" " " 996.0 "
	Falmouth.	" " Bar. change +2.
	Felixstowe	" 18h. Upper cloud form A. St.
	London	" " Low cld amt 8: total 10
	Jersey	" " Temp 45°
	Kensington P.	max. temp 47°
	Aberystwyth	Sunshine to 17h. 6.0h.
	Ilfracombe	min. temp 41°
	Renfrew.	" " 33°: Rain night 5mm.
	Leith	Rain night 7mm.
	Nottingham.	" day nil
	Gorleston.	max. temp 45°
	Grain	" " 41°: min. temp 30
	Lympne	" " 37°: " " 35°
	Calshot.	Grass min. 36°: Sun 5.5h.
19th	Eskdalemuir	18th 13h. wind N.
	Berson	" " " NNE
	Calshot	" " Low cld St. Cu.
	"	" 18h. " " St. Cu. 9.
	Eskdalemuir	19th 1h. Bar. 1021.4mb.
	Renfrew.	" 7h. Cloud total. 1.
	Aberdeen	max. temp 46°
	Renfrew	min. temp 28°
	Baldonnel	Sunshine 10.0h
	Howden	Grass min 21°: Rain day 2mm Rain night 2mm: Sun 5.3h.
	Lympne	max. temp 47°
	Falmouth.	Rain day. —
20th	Howden	19th 13h. Bar. 1028.3mb.
	Croydon	" " Cloud height 2000'
	Calshot.	" " Cloud total 7: low cloud amt 7.
	Cranwell.	" 18h. Bar. 1022.9mb.
	Baldonnel.	20th 1h. Temp 40°

Report for	STATION.	CORRECTION.
20th	Felixstowe	20th 1h. Cloud A. St. 1: total 11
	Leith.	" 7h. " hl. 5750. St. Cu 9. total 9.
	Plymouth.	" 7h. Bar. 1024.0mb.
	Aberystwyth.	Sunshine 18th 9.8h.
	Aberdeen	max. temp 48°
	Holyhead	" " 50°
	Howden	Sunshine 7.4h.
	Calshot.	" 8.4h.
	Jersey	" 7.0h.
21st	Manchester	20th 13h. Cloud h't: 2500. Cloud Cu Nbg: A. St. 10.
	Calshot.	20th 13h. Humidity 75%. vis. 8: Cloud height 2500: Cloud total 8.
	Eskdale	20th 18h. Omit "sea 4"
	Birr Castle	" Cloud: 7250: -: -: A. Cu: 7.
	London	" " wind force 1.
	Croydon	" " SSW.
	Cranwell.	21st 1h. Bar. 1018.9mb.
	S. Farnboro'	" 7h. wind W.
	Calwyn Bay.	Weather: foreon'n bc: aft'n bc Sunshine 19th 1.5h.
	Donaghadee	max. temp 54°
	Calshot.	Sunshine 5.6h.
	Jersey	min. temp 34°
22nd	Malin Hd.	21st 13h. Temp 47°
	Lerwick	" 18h " 41°
	Eskdalemuir	" Bar. change ‡1: Cld St. 9. Cld total 9.
	Holyhead	21st 18h. Humidity 97%. Vis 6.
	S. Farnboro'	" " " 55%. Vis 8.
	London	" " Cloud total 4
	Plymouth	" " wind force 1: weather 0: Temp 50°
	Howden	22nd 1h. Temp. 44°
	Aberystwyth.	Sunrise to 17h. 2.5h.
	Blacksod Pt.	Rain night 9mm
	Nottingham	" " 2mm
	Gorleston	min. temp 42°
	Shoeburyness.	Rain night. nil.
23rd	Croydon	22nd 13h. Cloud total. 10
	Howden	" 18h. Bar. 1017.2mb.
	Plymouth.	" " Bar. 1022.0: change 0 wind WSW: Visib 8: Cld Ht 2000 Cloud St Cu 6: H Cu: 10.
	Calshot.	22nd 18h. Humidity 85: Vis. 9. Sea 0.
	Howden.	23rd 1h. wind SE.
	Jersey.	" 7h. Bar. 1020.8mb.
	Renfrew.	min. temp 40°
	Leith.	Rain night 3mm.
	Blacksod Pt.	Rain Day. 1mm
	Howden.	Rain day. 0.6mm: night 3mm.
	Nottingham	" " 1mm: night nil.
	Gorleston	Sunshine 3.1h.
	Felixstowe	Rain day. 0.2mm: night nil ppt'n began 11.30: Sun 2.7mm.
	Lympne	max. temp. 53°
	Plymouth.	Past weather 13h.-18h "0.0" Rain day nil.
24th	Baldonnel	23rd 13h. Bar. 1018.2mb.
	Roches Pt.	" " Low cloud CuNb.
	London	" " Visibility 7.
	Shoeburyness.	" " Temp 49°
	Calshot.	" " Humidity 65%
	London.	" 18h. Cloud total 5.
	Shoeburyness	" " wind calm.
	Howden	24th 1h. Bar. 1021.4mb. Bar. change +2: Visib. 7.
	Cranwell.	24th 1h. Omit low cloud + height
	Calshot	" " wind force 5
	Pulham	" 7h Visib. 6
	Aberystwyth.	Sun to 17h. 3.7h.
	Malin Head	Rain day 2mm.
	Howden.	max. temp 56°
	Nottingham	Rain day nil: night 1mm.
	Croydon.	ppt'n began 07.30°
	Lympne	max. temp 48°
25th	Renfrew.	24th 13h: weather 6: Hum. 45% Visib 6.

Report for	STATION.	CORRECTION.
25th	Howden	24th 13h. Visibility 6: Cld
	Shoeburyness	" " Bar. 1022.0mb
	Calshot.	" " Temp 52°: cld ht
	"	" 18h. " 53°
	Jersey	" " " 52°
	Calshot	25th 1h. Temp 45°
	Stornoway	" 7h. Visibility 7
	Aberdeen	" " weather 1.
	Grain	" " Temp 44°
	Plymouth	" " Cloud height 1500
	Aberystwyth	Sunshine to 17h. 11.6h: " 23rd 5.3h.
	Leamington	Sunshine 8 to 7h 11.5h
	Torquay	" 23rd 8.1h
	Portsmouth	" " 5.7h
	Eastbourne	" " 1.6h
	Hastings	" " 1.1h
	Tunbridge W.	max. temp 53°
	Margate	Sunshine 23rd 0.0h.
	Renfrew.	min. temp 31°
	Tynemouth.	Rain night 6mm.
	Nottingham	" nil
	Felixstowe	Sun 3.5h: Past Wthr 7-18
	London	min. temp 43°
	Lympne	Past wthr 7-13h. P or
	Calshot	" " 13h-18h "C"
		Rain day nil: night nil. Sun
	Jersey	Sun 9.3h.
26th	Cranwell	25th 13h. Temp 50°
	London	" " wind force 2
	Grain	" " Bar. 1021.9
	Gorleston	" 18h. Cloud total 4
	Plymouth.	" " Bar. 1021.6mb
	Kensington P.	max. temp 56°
	Ilfracombe	min. temp 39°
	Eastbourne	" " 45°
	Howden	min. temp 42°: Grass
		Rain night nil: Sunshine
	Gorleston	max. temp 54°: Sun
	Pembroke	Rain day nil
	Calshot	Grass min 38°
27th	Tynemouth.	26th 13h. wind SE.
	Felixstowe	" " wind force
	Roches Pt.	" " Bar. 1022.2
	Benson	" " temp 55°
	Howden	27th 7h. wind calm
	Gorleston	" " Cloud Nb 4: MSI
	Calshot.	" " All obs. wrong: 1020.9/-1/NNE/1/SSO/47/92/5/57 St. Cu/10/-/10/0
	Bude	min. temp 39°
	Pembroke	Erase sun 10.7h: am'd Kn o
	Croydon	Erase sun 0.0h: insert
	Clacton	min. temp 48°
	Calshot.	Past wthr. 1h-7h form: min 46°: Grass 36° Rain
	Plymouth	min. temp 39°
28th	Birr Castle	27th 13h. Bar. 1018.7mb
	Malin Hd.	" 18h. Upper cld Ci. Cu
	Manchester	" " Cloud St. Cu 9: A Cu height 5750
	Plymouth.	" " Vis. 8.
	Kensington P.	max. temp 68°
	Scilly	28th 1h. Visibility 1
	Blacksod.	" 7h. weather "C-"
	Baldonnel	" " Cloud St. 10: total
	Rhyl	min temp 37°
	Aberystwyth	Sun to 17h. 9.0h.
	Manchester.	max. temp 60°
	Felixstowe	min. temp 46°
	Howden	Sun 2.7h.
	Scilly.	P. weather 18h - 1h f
	Calshot.	" " 13h - 18h "r"
29th	Baldonnel.	28th 13h. Bar. 1022. Sm wind force 3: Cloud St. 3
	Pembroke	28th 13h. Cloud A. Cu 5
	Grain	" " Bar. 1022.2: wind ENE 4.

‡ The barometric change is expressed in half millibars.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. CORRECTIONS AND ADDITIONS, *April*, 1921.

II.—ADDITIONS.

Report for	STATION.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9	SUMMARIES FOR THE PAST 24 HOURS. WEATHER. 7h.-13h.	WEATHER. 13h.-18h.	WEATHER. 18h.-1h.	WEATHER. 1h.-7h.	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS.	RAINFALL.† Day. 7h.-18h.	RAINFALL.† Night. 18h.-7h.	RAINFALL.† Precipitation began.	SUN. Hours.
31st	Castlebay 31st 13h.	1020.6	+4	W	4	ffo	49	97	5	450	St	10	-	10		rord			form	51	48	*		01		12
2nd	" 2nd 7h.	1016.7	-1	SW	5	pl°	49	85	5	800	Nb	10	-	10	5											6.6
3rd	City (Bunhill Row)																									
	Blacksod 19.3rd 13h.	1013.3	+1	W	2	bc+	50	65	7	2500	CuNb	7	-	7	*r	p										
	malin Hd 4th 7h.	1018.7	+8	WNW	3	co+	44	92	7	4000	St.Cu	9	-	9	5				p	49	41	*		trace		3.2
	Blacksod. " "	1022.2	-2	SW	2	co	44	85	7	2500	St	10	-	10	1				c	51	40			-	-	*
5th	" 5th 1h.	1024.0	0	SW	4	co	50	75	9	800	St	10	-	10	*											
	" " 7h	1025.8	+3	SW	3	co	49	92	8	-	-	-	Ci.St	10	2				0.0	49	35	*		-	-	*
7th	" 13h.	1027.7	+2	SW	2	fo	50	92	6	450	St	10	-	10	*	c										
7th	malin Hd. 7th 7h.	1030.5	0	SSE	1	co	49	97	8	5750	St.Cu	9	-	9	1				form	54	47	*		-	-	0.7
2nd	Hawdenbank 2nd 7h	1030.0	-2	NNE	3	co+	43	92	7	4000	St	9	-	9												
9th	Blacksod 9th 7h	1025.4	0	NE	1	bc-	47	92	8	-	-	-	-	0	1											
31st	Baldonnel 31st	1010.2	-2	SW	4	bqr	42	85	8	4000	St.Cu	2	M.St	3	*			c								
2nd	Renfrew 2nd 13h.	1019.1	-3	WSW	4	b-	53	55	8	2500	Cu	1	-	1	*	borbc										
	Malin Hd. 22nd 7h.	1019.2	+7	SW	2	bc+	44	97	8	2500	CuNb	3	Ci.Cu	4	*					(max. 24th) 58	(min. 24h.) 43	37	-	-	*	8.4
	" " " 7h.	1016.5	-4	SSW	3	co-	42	97	8	4000	St.Cu	4	Ci	6	2			borbc								
3rd	Baldonnel " "	1021.2	-1	SSW	2	b	39	85	8	-	-	-	M.St	2	*				c	48	42	*		1	-	6.5
	Malin Hd. 22nd 13h	1018.8	-8	SSW	5	fr°	45	97	7	450	St	10	-	10	*	rord			borbc	-	33	33		-	-	0.9
	" " " 18h.	1006.8	-5	SSW	5	r	45	97	6	450	St	10	-	10	5		p									
	" " 23rd 1h.	1006.9	+1	SW	2	co	47	97	6	450	St	10	-	10	*			rord								
	" " " 7h.	1009.6	+3	WNW	3	c+	46	75	8	4000	CuNb	7	-	7	4				p	47	43	*	1	1	-	1.2
4th	Castlebay 23rd 13h.	1013.7	+4	WNW	4	c	47	85	8	4000	St.Cu	3	-	3	*											
	" 18h.	1018.8	+8	WNW	4	b	48	85	8	2500	Cu	2	-	2	4											
	malin Hd. " 13h.	1015.0	+4	WNW	4	PH	46	85	8	4000	CuNb	6	-	6	*											
	" " 18h.	1020.6	+5	WNW	3	bc-	46	85	8	-	-	-	Ci.Cu	2	3											
6th	Castlebay 25th 13h.	1023.8	-1	E	2	b	52	85	6	-	-	-	-	0	*	form										
	" " 18h.	1021.9	-1	NW	2	ffb	51	85	6	2500	St	10	-	10	2		borbc									
	" 26th 13h	1022.6	+1	E	5	o	50	85	5	800	St	10	-	10	*	0.0										
	" " 18h.	1023.0	0	SE.	4	c-	52	85	5	1500	St	6	-	6	5		form									
7th	" 27th 7h.	1023.7	0	E	4	ffo	49	97	4	1500	St	10	-	10	3			form		52	47	*	-	-	-	2.8
	Malin Hd 27th 7h	1029.1	+3	SE	3	c	49	92	7	5750	St.Cu	2	a.Cu	6	0											

Corrections. (continued)

29th	Rochester.	29th 18h. Sea 0
	Pembroke	" " Cloud Ci.St.2: total 2.
	Plymouth	" " Bar. 1020.6mb: change +1.
	Calshot.	" " wind force 4
	Regents Park.	Sunshine 9.0h.
	Lympne	29th 1h. Humidity 75%
	Baldonnel.	29th 7h. Cloud Ht. 4150
	Banff.	Sunshine 27th 12.2h.
	Montrose	" " 10.5h.
	Llandudno.	" " 9.6h.
	Colwyn Bay	" " 10.2h.
	Rhyl.	" " 7.3h.
	Southport.	" " 0.0h.
	Blackpool	" " 0.0h.
	Harrogate	" " 0.3h.
	Skegness	" " 0.0h.
	Aberystwyth.	" " 10.0h.
	Bath	" " 7.0h.
	Leamington Spa	" " 3.3h.
	Lowestoft	" " 3.6h.
	Falmouth	" " 3.5h.
	Southend	" " 5.2h.

29th	Ilfracombe	Sunshine 27th 11.8h
	Bude	" " 12.2h
	Penzance	" " 12.3h.
	Jersey	" " 7.8h.
	Weymouth.	" " 6.8h.
	Bournemouth	" " 6.2h.
	Portsmouth	" " 3.4h
	Worthing	" " 2.8h.
	Brighton	" " 3.2h.
	Eastbourne	" " 4.5h.
	Hastings	" " amount unknown
	Folkestone	" " 3.0h
	Tunbridge W.	" " 5.4h.
	Ramsgate	" " 7.8h
	Margate	" " 7.9h.
	Tynemouth.	Max. Temp 56°
	Blacksod Pt	Rain day 3mm: night nil
	Calshot	Sun 10.1h
30th	Stornoway	29th 13h Bar. 1033.4mb.
	Blacksod	" " weather CO: Cld 450' St: 10: total 10
	Manchester	" " Wind E.

30th	Pembroke	29th 13h. Bar. 1027.1mb.
	Croydon	" " Humidity 55%
	Calshot.	" " " 65%
	Renfrew	30th 1h. Temp 38°
	Cranwell.	" " " 47°
	Stornoway	" 7h. Erase cld h't
	Renfrew.	" " Wind calm.
	Cranwell	" " Temp 45°
	Aberystwyth	Sunshine to 17h 11.5h: " for 28th 9.5h
	Ilfracombe	min. temp 50°
	Eskdale.	max temp 63°

‡ The barometric change is expressed in half millibars.

Stationery Office Press, Kingsway W.C.2.

Dd. 8129/913. Wt. 114. D.623. 825. 4/21